

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [14355] ****FOX TONIGHT****
Message-ID: <Pine.SUN.3.90.970311075330.22619J-100000@vortex.sage.dri.edu>

Just a last reminder.....

Tonight, at 0200z to 0400z, I will be Foxing at about 7043.

I will send the exchange in the following manor.....

<your call> RST NAME STATE QRP-L NUMBER <your call> BT

Sending your call at both ends of the exchange should help you to be sure it was your call you thought you heard at the front of the exchange! There are often still stations calling when I start the exchange. Hope this helps cut down on the repeats.

I will vary the speed to match the conditions. If the pile up falls off, I'll slow down. Otherwise, I'll run at about 25wpm.

If your CW is not up to that speed, just ask me to QRS.

But as we all know, you just gotta reach out if you are gonna get faster! Listen to the exchange a few times. I'll bet you will be able to copy it!

For QSO #100, I'll buy a steak at the Carson Nuggett!

cu all tonight, 7043 plus or minus QRM.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: "Reder, Ronald" <Ronald.Reder@wang.com>
Subject: [14346] 38 Special "thump" (long)
Message-ID: <E15ABBF0D318CD011867800805F31305B02119A@res02wnt245.corp.wang.com>

I am partially done building my 38 special. I built it with the TiCK Keyer and 5 watt mod. I used K8IQY's optimizations for the front end, transmit

preamp and final filter and W5VB0's technique for variable output power.

The electronics worked right away. Its a great kit and an EXCELLENT quality circuit board. My thanks and congratulations to the NorCal team and the QRP-L.

As soon as I keyed the rig, I noticed the audio thump. It was very pronounced in my unit, so I resolved to reduce it. I saw on the scope that the thump occurred after the transmitter was unkeyed and consisted of a rather large, exponentially decreasing envelope of 500 Hz sine waves. I also noticed there was quite a bit of transmitter RF on the audio line coming out of U2-11.

The 500 Hz component is due to the audio bandpass filter ringing at its center frequency. High Q bandpass filters tend to ring when they are excited by a large pulse or a step because those signals contain energy in a wide range of frequencies, including 500 Hz.

I first assumed that the problem was feed through, to the audio line at U2-11, from one of the pins carrying RF. I decided to construct a simple

RC filter in the audio line between U2-11 and U5-6 to reduce the amount of RF on the line. When I started looking at where to cut the trace from

U2-11, I discovered the primary cause of the thump.

The way the board is layed out, the ground connection for C14 goes to the ground plane that serves U4. This chip conducts a lot of current. That causes the voltage on that ground plane to rise on transmit and drop on receive relative to the ground point for C38, the audio amplifier reference voltage. This causes the thump when the transmitter is unkeyed.

I went ahead with the filter. I removed C14 and also cut the trace on the bottom of the board close to U2-11. I soldered a 2.7K Ohm resistor to the bottom of the board, across the newly cut trace from U2-11 to the pad where the ungrounded side C14 used to be. I then added a new .1 uF capacitor on the bottom of the board from the C14 pad to a ground point at one of the

two through holes in the ground plane beneath U2. Last, I removed R19 and replaced it with a 2.2K Ohm resistor.

There is good news and bad news. The good news is the thump is gone and the loudness of the "sidetone" produced by the transmitter RF in the audio filter is slightly reduced.

The bad news is that now the sidetone from the TiCK keyer produces an audible beat note with the filter ringing caused by the transmitter RF that is still getting into the audio filter. This sounds ugly.

My engineering side wants to eliminate the beat note by reducing the amount of RF hitting the audio filter so it doesn't ring at all. However, this will be difficult and it will remove the audible TC2 "tuning indicator." My practical side wants to eliminate it by using a two pole push button for the TiCK keyer programming line. The first pole grounds the programming line and the second pole connects the sidetone to the audio filter during programming.

I guess I'll ponder all this while I mount the rig in its case. I hope this helps the rest of you get rid of the "thump". As always, your mileage may vary.

See you on the short waves.

73, Ron KA1KCU

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: Jess Gypin <jessqrp@concentric.net>

Subject: [14317] 38S is still alive and some gorey details.....

Message-ID: <3324D543.6262@concentric.net>

Hi all,

First of all thanks to all of the folkds that responded to my plea and post. I have tried the following and will give a brief rundown....

I had some extra time this afternoon (miracles do happen!;-) and tried a

couple of things. One of the suggestions was to take 1 or 2 turns off of the T1 winding. I tried one turn and then 2. With one turn off I did notice a more distinctive 2 peak peak. With two turns off, it did not make that much of a difference on the receive audio but I did notice a lot more BC crud in the radio. I will rewind the whole thing minus 1 turn and start over. I THINK that it worked better with 1 turn removed but the band was fading and it was hard to tell. I can tell you that I was listening to a QRO op in Texas and had to turn the AF gain down, so that was a good sign!

I have made a couple of QSO's with the rig and the good news is that I get a nice clean 5 watts out. Not 4.8, not 5.2, but 5 watts on the nose. I have a very distinct and abrupt sidetone change when out of tune and the reflected power goes way up. The sweet spot on the tuning cap is very narrow. I did go back and add the ferrite bead to R 10 and guess what? I never had a problem with the tuning of the output, BUT all of the harshness of the side tone is gone! It really sounds nice and smooth now except for the THUMP THUMP. All those that have not add this bead, you might want to go back and add it. I did put in the short and left out the resistor and did install the 330 pf silver mica caps. I did not try it without, so I cannot tell you how much better it is. I do know that in the 3 QSO's that I have had, that I have asked specifically if the rig clicks or chirps and all 3 said not one bit, so the transmit side of things is a done deal. As I posted before, the toroid wire was not in my kit and I just used what scraps I had. I had enough to wrap all of the toroids except L 3 with #26. I used #24 on L 3 and it seems just happy.

Now for the next problem. I have not ever used a DC or Xtal receiver that much and I am confused by the two sided note in the receiver on strong signals. I am not sure which side of the note is the right one. I had a QSO with NF0Z Larry in AZ this afternoon and he said that I was 400 HZ out on his rit. Now, does this mean that I was on the wrong side of his signal, or that the transmit offset is way out? I do notice that on the other QSO's that I have had when I was calling CQ, the person that answered me sounded at least 200 HZ out of the sweet spot in the passband. I hooked up the SCAF and that just made it worse. When I retuned for max signal, they would be move off about 100 or 200 HZ low out from where they were. Is there something that I have out of whack on the rig, am I just mis-tuning, or is the sweet spot that low in pitch? It appears that the loudest signals are heard to my ear at about 500-600 HZ.

As far as the level of the tick sidetone is concerned, I think that I am straight on that now, although I missed the corrected post on how to fix this and the one on the Norcal site seems incomplete, or I am just real tired! If someone has an easier to understand version, please forward it. I got some really nice information from Mike K1MG on this, but just curious if there is a step by step.

That's all the poop form here for now. I have worked GA, TX, CA, AZ and CO and MI with the rig, so I know it works, just frustrated by the tuning/transmit offset as I like to be dead zero beat and just might be too picky. And no I DO NOT have the RIT installed :-)

Best for now
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [14323] 38S Manual question
Message-ID: <3327d23b.99231532@smtp.usit.net>

In the TiCK mod, the pinouts for the pad show the dit/dah paddle connections somewhat, er, strangely. The pad summary in the Errata shows consistent with the text of the table in the TiCK mod section of the 38 manual. I'm assuming the text and pad summary are correct, and column 2 of the table is in error. Is this an appropriate assumption?

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Mike Schettler" <Mike\_Schettler@qmail4.nba.TRW.COM>  
Subject: [14376] 38S Receiver Gotcha  
Message-ID: <n1354042883.83991@qmail4.sp.trw.com>

|                     |               |
|---------------------|---------------|
| Subject:            | Time: 9:20 AM |
| OFFICE MEMO         | Date: 3/11/97 |
| 38S Receiver Gotcha |               |

38 Special builders,  
A recent post to the list mentioned the importance of paying close attention to the various polarized parts in the 38S. One that I got bit by has to do with T1. I was not hearing the two peaks on tuning TC1, despite removing one turn from the T1 secondary, and then removing a second turn. Audio output levels were low, and not

too many stations. Turns out my problem was with the T1 \*primary\* winding.

The manual shows the correct way to wind and install T1. I inadvertently had the 2 turn \*primary\* installed backwards. This screws up the phasing of the transformer, and results in not getting the proper tuning with TC1. Once I fixed this, and hooked the 38S up to a resonant dipole, the results were amazing. Two nice distinct peaks with TC1. Sunday afternoon at about 2300Z, the band was loaded with signals, and I had to turn the RF gain down most of the time. This receiver definitely works!

BTW I have shorted out R24, changed C4 to 10 pF per Jim Kortge's post from a few days ago (and made the T1 secondary 17 turns), and am using 1K ohm \*communications\* headphones from RS. Of course, your mileage may vary, but if you suspect your receiver is not performing up to snuff, check out T1, and read the fine manual.

73

Mike WA6MER

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [14324] 38S U4 Question  
Message-ID: <3328d2d0.99380345@smtp.usit.net>

Can U4 be a 78HCT240, instead of a 78HC240? I'd think not, based on information in the Data Book by NA5N. But RS had the "T" version, not the regular version ...

What would be the result of using a "T" version, which has a higher response time, but is a bit tighter on voltages? Seems we're overdriving the chip anyway, since the expectation is for 7.8v on several pins of U4. (The Data Book shows the Vcc of the normal 78HC240 as 2.0-6.0v, the "T" version is 4.5-5.5v). The Vhi is a bit lower (1.1 V). By the way, just what is Vcc? I'm assuming it's some sort of operating voltage range, but I'm an idiot, and not sure of such things ...

BTW, Paul, NA5N, has done an absolutely wonderful job on this book, which arrived today. Now I can at least \*sound\* the fool that I am! I think it should be renamed the QRP Handbook. Could be developed and give the ARRL version a real run for its money! (Standard disclaimers apply).

Marty, KM7W

-----  
Jackson, Tennessee

e-mail: [mdwatt@usit.net](mailto:mdwatt@usit.net)

<http://www.public.usit.net/mdwatt>

"The Curmudgeon's Corner"

NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
-----

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: WA8GHZ /5 Jack Dougherty <[jdougher@wt.net](mailto:jdougher@wt.net)>

Subject: [14328] 40M Novice Segment

Message-ID: <33253D01.3B2B@wt.net>

My hat is off to any of you who works the 40M novice segment, and to the foxes there...

Late Monday, I noticed the reminder about the 0-land fox at 7.112 area, and thought I'd go up there and scout for a bit just in case, since I still have a novice doe-tag intact. Boy, was that a rude awakening! I sure hope that the band allocations get cleaned up, cause 7.1 to 7.13 will give you a migraine. I thought we had it bad in the old days with restriction to crystal control.....that's nothing compared to what the novice guys face now.

The good news is 3 of us met up at 7.1135 for a very cordial "post-fox" howdy, but that was tough copy for this old geezer.

Never heard you, Brad/fox. But I look forward to meeting again on a 'semi-rational' band allocation like 30M, etc. Man, that upper 40M is a war-zone with those BC zombies pumping it out for all they're worth.....if novices survive that zone, they would have grown some of the greatest ears in the world.

WA8GHZ /5 / "I know the guy who built my radio."

Jack /Houston/

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: [timcook@erinet.com](mailto:timcook@erinet.com)

Subject: [14381] AEA MM-1 Manual Needed

Message-ID: <3325DEA6.365@erinet.com>

Looking for a manual for an AEA MM-1 "Morsematic" keyer. Will buy, borrow to copy, or pay for copy. where else to reach so many cw op's?  
Thanks

Tim  
NZ8J

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Bill Myers <bjmyers@arc.net>  
Subject: [14307] American Sub for European Parts???  
Message-ID: <1.5.4.16.19970310184139.1c379e4c@mail.arc.net>

I'm going to be making the reflected power measurement mod to my HW-8, the one published in the Autumn 1980 issue of SPRAT by Mike Perry (PA3ASC/G4HWZ).

Anyway, the parts list calls for a FX1596 torroid (14mm OD) and a 0A90 diode.

Could someone please tell me what the American equivalents are for these parts???

Thanks es 72/73

--

Bill Myers      KK4KF      Grid - EM60rk  
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42  
CQC#386 NE#508 AK/QRP#081  
Snail Mail      P. O. Box 178 Shalimar, FL 32579  
e-mail          <bjmyers@arc.net>  
homepage <http://destin.nfds.net/~bmyers/>  
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE  
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [14375] B-NUT HF6V Quirks Solv'd/ Thanks!  
Message-ID: <199703112018.PAA47008@nss2.CC.Lehigh.EDU>

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_01BC2E2F.9EBC1C40  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks to all who have assisted me with the Butternut tuning difficulties.  
I got no fewer than 11 great replies. My problems are on the verge of



solution. Principle troubles were as follows:

\* I did not use the 1/4 lambda section to check the tune on 20M. This caused the SWR to look sky high. When I checked in the shack at the end of ~130' of hardline, the SWR was OK across most of 20M; at least until it went intermittent.

\* I have found a touchy connection bottom of the 30M coil. I hooked up the SWR analyzer in the shack and watched it whilst the wind blew at 25 mph and sure enough, the SWR rose and fell in quick jumps on 20M. I will apply emery cloth and anti-ox paste when I get home today.

The rain last night did DROP the point of lowest SWR considerably on some bands. I suspect that when I elevate the antenna in a month or so the additional decoupling from the ground will somewhat alleviate these changes.

In my installation, the 20 radials of between 30 and 50' seem to be FB. The 2:1 SWR points on 80M are 30 kHz wide.

I once commented that I do not like my XBeam because it is a pain having to rotate it all the time, making QRP contesting tougher. Well now I have 3 antennas up that are VERY different; the G5RV at 40', HF6V on the ground and the X-Beam for 20M. So to find the best signal strength I have switch between 3 antennas AND rotate the beam.

Given the small amount of operating with all three antennas I can see that the thing to do is run with the vertical and switch to another antenna only when needed.

Thanks again guys, the tips and learned advice have solved my problem.

72, Mark N2VPK  
Member of the Buffalo QRP Connection

72, Mark N2VPK  
Member of the Buffalo QRP Connection  
-----=\_NextPart\_000\_01BC2E2F.9EBC1C40  
Content-Type: text/html; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

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<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D2 =
color=3D"#000000" face=3D"Arial">Hi Gang,<br><br>Thanks to all who have =
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Buffalo QRP Connection</p>

</font></body></html>

-----=\_NextPart\_000\_01BC2E2F.9EBC1C40--

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [14373] Brit Transistor  
Message-ID: <3.0.16.19970311120139.1a3763e4@mail.lightside.com>

Can any tell me what the US equivalent of a ZTX312 and ZTX313 is?

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,  
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949  
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)  
Subject: [14340] CPCW-5 First Impressions  
Message-ID: <v01540b00af4b05004998@[157.142.8.172]>

Forwarded from glowbugs FYI - A glowbugging transmitter kit review

Mike N5JKY

>Date: Tue, 11 Mar 1997 11:28:11 GMT  
>Reply-To: bry@mail1.mnsinc.com  
>Originator: glowbugs@sco.theporch.com  
>Sender: glowbugs@sco.theporch.com  
>Precedence: bulk  
>From: "Brian Carling" <bry@mail1.mnsinc.com>  
>To: Multiple recipients of list <glowbugs@sco.theporch.com>  
>Subject: CPCW-5 First Impressions  
>X-Comment: Please send list server requests to listproc@sco.theporch.com  
>  
>Someone please copy this mini-review to QRP-L  
>  
>Here is a "First Impression" of the new CAKE PAN CW-5 transmitter  
>that arrived today.  
>  
>It is a new TUBE product on the market for hams! What a great way for  
>all of those new NO CODE TECHS and other beginners to get their feet  
>wet with a REAL RADIO!  
>  
>The radio can be bought assembled or as a kit. It comes with a really  
>good manual and plenty of helpful instructions. Mine was already  
>assembled and worked great right out of the box. I was on the air  
>within 10 minutes.  
>  
>This CW transmitting device uses a specially designed  
>transformer that is made just for this rig, plus a 6C4 - 6AQ5 tube  
>line-up, plug-in coils and a PI-NET output. There is plenty of room  
>on the chassis for your own mods or add-ons, and later this month  
>they will begin offering an AM version of the rig, or a modification  
>kit to add modulation to existing rigs.  
>  
>I can see adding a semi-break-in circuit, maybe a relay for keying  
>from my memory keyer etc, later. For tonight I just used the straight  
>key.  
>  
>This rig is destined to become a classic!  
>Once I figured out which tube went where and got the 6C4 and 6AQ5  
>tubes plugged in OK, I realized that the OTHER 7 pin tube socket  
>is for the crystals to plug in! A novel approach. I had seen  
>something like this done with FT-243 crystals in Octal tube sockets plenty  
>of times.  
>  
>I plugged it in and  
>connected an antenna (G5RV and MFJ-949D tuner) and plugged in the

>crystal for 3640 kHz that came with it. No one around so I tried a  
>CQ. It only has ONE tuning control (plate variable) - the PI-NET has  
>a fixed cap on the antenna side. No problem getting a full 5 watts  
>out right away (according the notoriously inaccurate wattmeter used  
>in tuners of this type) - but certainly in the ballpark of 5-6 watts  
>out all of the time. The rig tunes nicely and has a good note.  
>  
>Some RTTY signal is hogging the frequency and I get no replies to my  
>CQs, so I plug in the 3700 kHz rock and move up the band.  
>  
>SO at 0042 UTC I put out my first CQ on 3700 and got a reply from  
>W8TMS in TROY, MI - DX!! AND he gave me RST 599! Not bad for a  
>maiden viyage on the CPCW-5.  
>Later on I heard K3JO nearby calling CQ and gave 81 year-old Jules a  
>call. He came right back and chatted with me for 35 enjoyable  
>minutes. My report was RST 579 From Narberth, PA up near Philly  
>using his homebrew 2-tube rig with a 6DQ6 final pumping 25 watts to  
>an end-fed wire.  
>  
>Later at 0135 UTC I tried a CQ again, and got a call from KR4LE. The band was  
>getting noisier now, but Emery got me RST 599 in Richmond, VA  
>  
>My last QSO of the evening came at 0211 UTC, again on 3700 kHz  
>with KB1MJ up in Dedham, MA running a Heath HW-9 QRP rig.  
>Conditions were awful but Paul and I toughed it out!  
>  
>I hope to work many of you soon with my delightful new glowbug here!  
>I will be QRV evenings on 3640 and 3700 kHz with the CPCW5 rig from  
>VINTAGE RADIO KIT COMPANY.  
>  
>If you are interested - contact Carl, WB1EYE who supplies these kits  
>at:  
>  
>427 N. Main Street  
>Sharon, MA 02067  
>  
>or you can read more about it on my web pages at:  
>  
><http://www.mnsinc.com/bry/hamfiles.htm>  
>  
>I have no financial interest in this company - just a happy user of  
>their product.  
>  
>Anyone else using one - please contact me via e-mail at:  
>  
>bry@mnsinc.com  
>  
>72 to all - Bry, AF4K in Gaithersburg, MD

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>  
Subject: [14319] Debugging Prize Presentation  
Message-ID: <1.5.4.16.19970310203201.36577964@telis.org>

Tuesday night at K5F0's Pizza party near Two Guys from Italy in Mountain View??? in the shopping center at the corner of Grant Road and El Camino Real (Pizza Place is in the corner behind Burger King), Doug Hendricks and Chuck Adams will proudly present the winner of the qrp-1 debugging contest, Mike Gipe, K1MG, his prize, a TenTec 1340 QRP kit. Mike has informed us that he will be present after he works the Fox. Hope you can be there to enjoy the Pizza and help Mike celebrate.

I am happy to report that the kit works great, and that it will soon be in Sacramento, as a real rare QRP rig, A working RadioKit QRP40. It is going to Jim Cates Collection.

Ok, gotta go. See you tonight (Tuesday) at K5F0's party. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Jim W7LS <w7ls@brigadoon.com>  
Subject: [14374] Dentron 40m SSB/CW rig  
Message-ID: <199703112017.MAA05627@olympic.brigadoon.com>

Hi, gang. I've decided to put this rig up for sale or trade for some ham goodie, preferably qrp stuff. I'm too mired down in projects to persue this. Here's the scoop on it:

Fired it up and got a few watts out of it. Receiver isn't the hottest, but then maybe it has been detuned. It would be a good idea to tune it, I s'pose.

> Description to date:  
>  
> transceiver  
Model number MLX-MINI  
Modes: ssb and cw  
> 40 meters  
> digital readout (LED) to 100 Hz  
> does receive

> does transmit  
> has RIT  
> has switch to turn off meter lamp and LED display for battery life  
> chips inside have 1982 manufacture date  
> apparently made by Mizuho in Japan to be marketed by Dentron  
> size: about 1.5" high by 5" wide by 6" deep(without measuring)  
> construction: very solid half cases. Better than HW-8. Thicker metal.  
> problems: tuning capacitor is hosed. Need new one. Not critical. I  
> clip-leaded a handy capacitor into the circuit and it works  
fine. Since display is digital, don't need to worry about  
tracking.  
> serial number is "experimental"  
> overall impression: dang cute  
>  
>That's the scoop, guys! I will try to get a schematic and book from Mizuho.  
> \$175 seems fair for this, based on the need to change out the  
tuning capacitor. I'd consider a swap for some ham goodie, too.

Tnx/73 de Jim, W7LS Here or at 206-788-0779 days, eves, weekends.

>  
>

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [14329] eyeball meeting with NF3I.....  
Message-ID: <8D3B54A.0004001438.uuout@cheaha.com>

Well, secluded down here in south Alabama I don't get a chance to meet a lot of you on the list, but I did have a treat this evening. Scott Rosenfeld was in Montgomery tonight and I drove up to have supper with him. A delightful person with a great attitude!!! I hope some of his attitude rubs off on me! :) Dinner undoubtedly lasted about three hours!<g> A very pleasurable talk with a \*very\* knowledgable person....talk ranging from the state of the union to radio to mobile CW at 37wpm!!!!.....and a lot of things in between. Definitely reinforced the notion that radios don't make our hobby.....people do! FB meeting and dinner!

72/73  
Ed Welch KF4KRV  
NorCal Member #???  
1st Grand Poobah ScQRPion of Alabama  
QRP-L #873 - FISTS #2964  
Luverne, Alabama  
Crenshaw County - Grid EM61

+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
Subject: [14331] FAUX FOX  
Message-ID: <19970311060022.AAA1226@LOCALNAME>

Got BML up today, (Big Moma Loop) -slipping/sliding in heavy, wet snow and  
taxing my winter fat reserves on a half-ton of Ash tree that fell on BML  
during last weeks tempest. I really wanted to kick back with the Fox Hunt  
and a firkin of Old RoadKyll tonite BUTTTttt... the inscrutable Mr Muggles  
remained mute all evening... not even a hound was heard. I worked KS, CA,  
TX QRP-ers... no problem. Was this another one of those cruel hoaxes? I can  
usually hear SOMETHING during the sessions with either BML or the nested  
half-square, but not even a chirp. Any other reports? Do I really have to  
put that Sterba Curtain on 40? =s=

"Seab" Lyon - AA1MY  
Bethel, CT; FN-31-HJ  
ARCI#9253; QRP-L #574  
NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [14382] For Sale  
Message-ID: <3325E29F.E0C@earthlink.net>

Some further housecleaning after my move:

St Louis Tuner Kit-Unbuilt in Box-too many tuners here!  
\$95

Radio Shack Digital SWR/Wattmeter new & Unused-will measure qrp  
\$75

Kantronics KPC-small power friendly packet TNC-New & unused

\$75

Icom SP-3 speaker matches 751A & 735 like new in box

\$40

Icom SM-6 Desk Mic-matches 751A & 735 Like new in box  
\$40

A & A 30m QRP Txcvr-Partially built Rs & Cs stuffed-complete  
\$95

Dentron Jr Monitor Tuner-coax & balanced-compact

\$45

Now, maybe I should tackle that Sierra I am always dreaming about...

73, Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [14385] For Sale: Resent  
Message-ID: <3325E642.1C6E@earthlink.net>

The first try at this came through somewhat scrambled:

Some further housecleaning after my move:

St Louis Tuner Kit-Unbuilt in Box-too many tuners here! \$95

Radio Shack Digital SWR/Wattmeter new & Unused-will measure qrp \$75

Kantronics KPC-small power friendly packet TNC-New & unused \$75

Icom SP-3 speaker matches 751A & 735 like new in box \$40

Icom SM-6 Desk Mic-matches 751A & 735 Like new in box \$40

A & A 30m QRP Txcvr-Partially built Rs & Cs stuffed-  
complete with case \$95

Dentron Jr Monitor Tuner-coax & balanced-compact \$45

Now, maybe I should tackle that Sierra I am always dreaming about...



73, Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [14370] For Trade -- Radio Shack DSP  
Message-ID: <3325b4d8.157252863@smtp.usit.net>

I have a new in the box Radio Shack DSP that I'd like to trade.  
Looking specifically for a 4AH Gel Cell battery charger, with  
automatic switching from full charge to float charge. Consider  
other trades -- a St. Louis Tuner perhaps? Other ideas?

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
-----

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>  
Subject: [14379] Form 610 question  
Message-ID: <199703112203.RAA57089@nss2.CC.Lehigh.EDU>

Greetings,

The hamvention web page says that forms 610 that are Nov 93 or newer  
are currently fine to use. Is this true or false ?? The current page =  
on  
the FCC page is dated March 95 (expiration date of 8/31/96) but does not =  
say  
it supersedes previous forms. =20

Thanks for your input,  
john

-----  
John A. Evans Chief System Administrator  
Office: (719) 528-1800 x164 Titan Client/Server Technologies  
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200  
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

-----  
Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045  
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454  
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>  
-----

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Dave.Ackrill@westwood45.powergen.co.uk  
Subject: [14337] Forty-9er Mod  
Message-ID: <970311085318Z\*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB@MHS>

Hi all,

I remember seeing a modification for the Forty-9er to eliminate the difference in frequency between TX and RX. Unfortunately I can't find it in back issues of the digest and I don't have access to the web to look at the index.

Can anyone send me a copy of the mod. please?

Thanks in anticipation.

Dave (G0DJJA)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Brad Mugleston <bmug@gwl.com>  
Subject: [14353] FOX REPORT - N/T+  
Message-ID: <01BC2DF2.2A6C2FC0@pps-pc10.gwl.com>

It started out Great last night, I had a real pile up, there were so many calls coming in I couldn't tell them apart and when I thought I had one I was wrong, or else they gave up (which I doubt). Here's the results.

| Time Call   | RSTr | State | Name     | Num | RSTs |
|-------------|------|-------|----------|-----|------|
| 0200 W5TF   | 589  | TX    | Jack     | 282 | 249  |
| 0213 K2VCO  | 549  | CA    | Vic      | 725 | 239  |
| 0218 WS4S   | ?49  | TN    | Conard   | 993 | 239  |
| 0221 W8KC   | 559  | MI    | Paul     | 59  | 339  |
| 0227 K8CV   | 339  | MI    | Walt     | 935 |      |
| ??? KS4HQ   | 459  | NC    | Bob      | 801 | 249  |
| 0231 WA6TLA | 579  | CA    | Elliotte | 939 | 359  |

0241 N4ROA            449 VA    Dan            73    239  
0257 KT4PF            549 SC    Lost in the noise BELLS

Then it died. I heard a few others - sent my exchange and got nothing back. It was funny I heard KC8DBI sending a CQ right on top of me so I answered back. He responded but had my call a little wrong but he was SLOW and I copied him OK. I sent my info and he responded back, call still wrong and complained about the QRM - lots of bells - he started calling me RON then I recognized the call he was sending - he was talking to one of my friends in Colorado who I couldn't hear.

Thanks again for all the fun and I will have my last turn at being the FOX next Monday night - I'm going to call in sick or go home early so I can get on earlier - the band seems to be dyeing around 0300 to 0330.

Thanks Again,

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Brad Mugleston <bmug@gw1.com>  
Subject: [14386] FOX Report Correction  
Message-ID: <01BC2E24.C06B7760@pps-pc10.gw1.com>

the N/T+ report has W5TF it should be W5TFB. My B finger doesn't always work.

Brad

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [14359] FOX Standings March 11  
Message-ID: <199703111622.QAA00217@chuck.dallas.sgi.com>

Gang,

Be sure to look at the total number of exchanges for this season. It is a new record. We could not have done it without all the hours so many of you spent listening through the QRM, QRN, QRO, and other hazards just to hear one of your fellow QRPers RF signal.

Many thanks and give yourself a big pat on the back for a job well done. Everyone was a winner IMHO.

Here are the corrected scores (it wasn't as bad as I thought, but it wasn't fun either) and let's hope that I don't do that again. :-) I now have 15 copies of backups and I've put everything under the Revision Control System, RCS, which I will use from now on for everything. That was a close call.

With only 4 to go, it looks like it will be a tie if the little guys in TX will get out and take all of the remaining. If the propagation is off just a little we are dead meat. I hope the pizza party tonight (hey, I think QRPers would rather eat than get on the air) will do the job. I'll have to think of some real neat tricks for the remaining three. :-)

It seems like just yesterday we started the third season. I hope the idea of getting on at night during the winter is worth it to all that played.

FYI

-----  
Foxhunt Current Standings March 11, 1997

The Big Game!!!! CA-25 TX-21

#### Fox Scores

| CALL  | CONTACTS | STATE | TOTAL POINTS |
|-------|----------|-------|--------------|
| W5TFB | 77+71    | TX    | 148          |
| K2NF  | 59+47    | FL    | 106          |
| W5FN  | 50+56    | TX    | 106          |
| W1HUE | 55+47    | ID    | 102          |
| AE4IC | 53+48    | NC    | 101          |
| NQ7K  | 37+49    | AZ    | 86           |
| W8RU  | 47+37    | MI    | 84           |
| K5OI  | 37+46    | NM    | 83           |
| N2VPK | 36+42    | NY    | 78           |
| W0CH  | 49+24    | MO    | 73           |
| N9DD  | 40+33    | IN    | 73           |
| AA1IK | 30+38    | NH    | 68           |
| W03B  | 29+36    | MD    | 65           |
| KS4L  | 38+21    | AL    | 59           |
| N6WG  | 36+23    | CA    | 59           |

|        |       |    |              |
|--------|-------|----|--------------|
| AB7TK  | 22+21 | ID | 43           |
| N8VAR  | 23+18 | OH | 41           |
| KA5DVS | 25+16 | NJ | 41           |
| AE9K   | 23+11 | WI | 34           |
| KF2PH  | 12+20 | NY | 32           |
| W8KC   | 11+15 | MI | 26           |
|        |       |    |              |
| KU7Y   | 57    | NV |              |
| N6GA   | 56    | CA |              |
| N2TNN  | 29    | NJ |              |
| W1EAT  | 21    | VT | (was WA1GUV) |

\*\*\*\*\*  
 \* Total Qs = 1,671 \*  
 \*\*\*\*\*

#### Novice and Tech+ Scores

|        |                              |    |    |
|--------|------------------------------|----|----|
| KB0ROL | 12+ 9+11+ 18+ 4+ 6+ 4+ 7+ 7  | CO | 78 |
| WA7SSA | 7+ 5+ 3+ 14+13+10+ 2+ 9      | ID | 63 |
| KB9JLO | 12+ 9+19+ 8+ 5               | IL | 53 |
| WD4MSM | 5+ 5+ 9+ 3+ 3+ 5+ 4+ 2+ 3+ 3 | IN | 37 |
| KB9LGJ | 11+ 3+ 5                     | AZ | 19 |

\*\*\*\*\*  
 \* Total Novice/Tech+ Qs = 250 \*  
 \*\*\*\*\*

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Note: X.5 means X regular foxes and .5 means one Novice(5 pts)  
 so that score is X+5. Only one Novice per non-Novice stn.  
 So 3.5 means 3 regular and 1 novice for total of 4 contacts,  
 but 8 points total. Only one Novice contact allowed for  
 for the five points for the season for stations other than  
 Novice/T+.

#### Hunters Scores (and it's a close race)

Leader of the pack is: (39.5) NQ7X Floyd in AZ

-----

AA0XI(27.5) W00Q(14) W0CH(6.5) WB0CLD(5) AB0CD(5.5) KI0G(5.5) AA0XZ  
 KQ0I WA0FGV NI0A(17.5) K0EVZ(8.5) WA0RPI(2) KD0SU(4.5) KB0VCC(3)  
 AA7OA N0TFI KB0PJ N0UR(3) AB0DC K6QD W0HEP(1.5) KB0YMI(0.5)  
 W0SS KB0YBX(0.5) NG0M(0.5) N0UVR(0.5) K0FRP(1.5) WB0CGH  
 N01E KB0ZDF W0RW(0.5) W0FG WB0JVQ K0EVH NF0R KB0LMQ

-----

K1MG(27.5) W1HUE(19.5) AK1P(11) WA1QVM(9.5) N1RXT(3.5) KA1AXY(10.5)  
N1QQV(11.5) KC1GS W1UI(0.5) AA1MY(7.5) KC1FB(9.5) K10J(12.5) WA1UPB  
W1EAT(2) N1UMA NT1U(2) WA1VPB K1CL(4) AA1PD WY1W AD1E

---

AA2WJ(13) AA2PF(8) N2GO(5) WZ2T(3) N2VPK(11.5) K2VNM(8) N2YRJ(3) N2TNN(6)  
K2NF KG2DP KF2PH(3.5) N2TO W2DP(2) K2VCO(12) W2NRA N2CX W2UX AA2ZW  
N20FG KG2H K2LGJ KA2UPW W2RQ WJ2V AA2Q0

---

K3ETS(2.5) N3SLR N3KFL(2) W3PNL(4.5) KA3WMJ(3.5) W03B(8.5) KT3A(3.5) NR3E(5)  
W3WZ(3.5) KV3NX AA3MD NF3I(1) KA3WMJ(2) K3QIO(3) NR3Z W3DW(1.5)  
N3GO AA3KR

---

KE4YH(35.5) AE4IC(13.5) WB4ZKA(4) W4STX(2) KS4L(3) KE4KDT(1.5) AD4ZE(4)  
WJ4P(6.5) K4CGY(2) KK4KF(8.5) N4SO(10.5) KI4JA NR4N(1.5) N4EUK(0.5)  
KS4HQ(0.5) K4PQC(2) KS4V KQ4AL N4IM(3) KC4O(5) WX4P(3) AE4MX W4MO  
AB4RR KD4OBQ(3) AE4VQ N4JS(4) K4WZ(3.5) KD4SJM(0.5) K04A KE4WQH(2)  
N4BP KU4AF W4HFU N4PA K4QE KF4KRV(0.5) AE4JM(1) KI4PZ(2) AC4YK AB4WQ  
WS4S K4GT NV4E N4GHI WB4TPW WB4FCO  
WD4MSM(first fox as an upgrade working N9DD)

---

W5FN(36.5) KK5RO(32.5) N5ET(19.5) AB5UA(30.5) W5TFB(22.5) K5OI(26.5)  
K5WO(10.5) K5UP(16.5) K5ZTY(18.5) KK5MC/5 WA5WHN(2.5) AC5II(10.5)  
N5JKY(11) K5FO(7.5) WB5QYT(4) W5VB0(3) KK5GJ(1.5) K5RV(12)  
W5HNS(10.5) WA5CVM AC5CI KA5DVS(2) NA5N(4) KA5T(18.5) WD5GKH  
K5ON(13.5) KB5YVT N5LU(18) KE5TF(12) N5ALO(3) KE5FT KJ5SP(4)  
K5JHP(12) WB5J K5MO KC5RO(4.5) W5CTZ KJ5VW(9) W5XE(12.5) KK5NA K5JP  
K5ID(4.5) NA5K(2) AB5ST K5PSH W5SST WA5YFY K5LE(3) K05W(1)  
W5QJM KC5VYE(0.5) K5ONF WB5GWB AF5Z W5APX K5WD K5VP KC5EIV  
W5CU N5BGZ N5JI(13) K5GQ W5UXH W5OWV

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N6XU(38.5) W6BAB(26.5) KK6MC(12.5) N6WG(17.5) K6JI(5) KI6DS(3) WA6NAE(14.5)  
W6ABX K06KA(15.5) KI6SN(2) KD6ZMJ(3.5) WA6MOK(0.5) K6VNX(18.5)  
WA6HHQ(8) AA6R(4.5) WA6OWR W6EMT(6) N6GA(2) AC6KW WA6GER(2.5)  
W6EMD(6.5) WB6LMA(0.5) KI6OY(9.5) N6KR(2.5) W6ZH(25)  
W6SI WA6EIW W6KAK K6JI(7.5) N6MM(19) W6SU(21)  
W6JHB(3.5) WD6FDD(2) W6SIY(2.5) W6ZOH N6VZ(3.5) N6XI KD6YIX(3)  
WA6PBY W6KI WA6TLA(3) WI6I KF6CTA K6YR N6LUY W6GPM

---

NQ7X(39.5) KK7BD(26.5) KU7Y(23.5) AB7TT(19.5) N7GS(15.5) NQ7K(18.5)  
AB7ST(15.5) KI7MN(10.5) N7KT(13.5) WW7Y(4) N7MFB(3) WB7DUO W7JDZ(9.5)  
AB7HI(2.5) KJ7NS(3) AB7OA W7SNV(2) N7CQR(3) AB7MY(7.5) N7MFB KJ7LB(0.5)  
W7LR KJ7UN(1.5) AL7FS(1) KE7IT(2) N7CTJ(3.5) AA7QU(3) W7GVN(12.5)  
W7FXH(0.5) W7KXB(4.5) WJ7H AB7TK(15.5) KJ7ZU(0.5) KC7SYL(0.5)  
WA7LNW K7TP(2) W7GUN(0.5) KI7NS(1) KG7PV KE7X KA7YOU W7GH W7LYO  
KC7PGO(0.5) AA7ST N7MFB(2) N7VE(4)

---

W8DN(11.5) WA8CDU(9.5) W8KC WD8LDY(3) W8EO N8VAR(4.5) N8CQA AC8W(7)  
KF8EE(3) WD8KQY W8LRM WA8CDV K8BVJ(1) K8IDN K8DD KB8GDF(0.5)

N8OEF WA8GHZ(2) W8BDR K8FF AA8EB W8RU

-----  
KB9IUA(12) NN9K(14.5) W9DZ(10) N9DD(13.5) WA9PWP(15.5) NY9B(3) AE9K(3)  
W9UQB(4) N9RYI WA9YLB(2) WB9LEF N9HH(5.5) N9SSG WB9LKC(2) W9JIF  
W9ZSJ WD9CTB N9XVZ K9HBY WJ9B W9XN(2)  
-----

VE3JC(11.5) VE7SL(15.5) VE7CQK(5.5) VE3SP(5) 8P9BM(1) VE5RC(4) VE5WF  
C08JM  
-----

Novice Stations working foxes - these count in separate class of prizes.  
Let me know if you are N/T+ and have worked a fox and I put you in the  
above grouping by mistake.

WA7SSA(6) KB0ROL(2) N0PMY(2) KB9LGJ(1) KB0SJY(1)

Chuck Adams K5FO adams@sgi.com DXCC=11  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: ckrelic@bellatlantic.net  
Subject: [14351] FS: OHR 400  
Message-ID: <33257B5D.15A3@bellatlantic.net>

Hello All,

Due to several unexpected factors here, I have decided to  
sell my OHR400 half built kit. Two boards are finished\_\_  
Oscillator and Receiver. Also includes the Keyer and DD-1  
Digital Display. I have \$445 in his set up and would like to  
get \$300 out of it. The boards are done right, being this  
was my second 400, along with many kits I have built.

I can be reached Via email, and anyone interested I would be glad  
to call on the phone.

Thanks

Curt  
Ka3ivb

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "W. D. Lindsey" <70511.3041@compuserve.com>

Subject: [14366] FS:ARK-20 (factory-built)  
Message-ID: <970311185804\_70511.3041\_IHD97-1@CompuServe.COM>

Gang:

With reluctance I have decided to part with my beloved ARK-20. It is pristine condition, and is one of the most effective rigs I have ever used.

The rig was built about 9 months ago by Dick himself at S & S Engineering. He designed the rig and is head of the firm. So it is professionally aligned and tweaked, and works flawlessly.

Has the built-in keyer, and one of the smoothest QSK's ever. It is very quiet, sensitive, selective. Of course one of it's best features is dead-on accurate tuning and stability. When you set the frequency, it stays right there--no drifting, no chirp, no warble. Plus you can set a sked and know that you are dead-on the right frequency. This is because it has digital synthesized tuning.

The feeling you get when using the ARK-20 is ultra precision, a really solid feel overall. It is built to milspecs, and I believe you could drive a car over the extruded aluminum case. It would be a great rig for FD or other portable operation, though it has never been operated in such an environment.

I really like the rig. But I have too many rigs, along with some unexpected medical expenses related to the loss of the use of my right arm. Plus, this rig needs to be on the air more than it is presently.

Original factory-built cost was about \$380.00, but I will sacrifice it for only \$245.00 which includes UPS shipping in the continental U.S.A. Willing to include a 2500mAH gel cell, if you could use it.

72/73,

--Doc/K0EVZ QRP-L 861 MN-QRP 19 NJ-QRP 69 AK/QRP 139 Norcal CQC ARRL

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [14304] FYBO Log Deadline Soon!  
Message-ID: <199703110013.RAA29925@usr04.primenet.com>

Howdy Folks,

I know, I know, I'm already over my self-imposed QRP-L message limit. But this is FYBO business - can I get a waiver? :-)



Less than two weeks to get your FYBO logs in! Remember, if you have at least 5 QSOs with US/Canadian hams (Novice/Tech+ hams are eligible regardless), you're in the running for the TenTec QRP Xcvr kit. Drawing will be held the night of March 24th. The kit now has the quality board we've come to expect, so it's a keeper for sure. Nice to have a company that listens and cares - Thanks TT!

Don't have a FYBO summary sheet and logsheets? ScQRPion Bob (AZ edition - KI7MN) has put both of them on his website. <<http://www.dancris.com/~ki7mn/>> At the bottom of the page there's a button for FYBO Logs. Lots of other goodies to sift through too.

Send logs to:

Joe Gervais  
PO Box 1822  
Goodyear, AZ 85338

Please let me know if you have any questions. In a few days we'll have FYBO stories at the same site. Photos to follow soon.

Thanks!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: TonyDrumm@ibm.net (Tony Drumm)  
Subject: [14320] FYBO report on the web  
Message-ID: <199703110358.DAA81017@out2.ibm.net>

If you're looking for something else to do, check out the Rochester Amateur Radio Club's home page at <http://members.aol.com/rarchams>. Click on March News from the Flyer (or something like that) for our newsletter articles including mine on the FYBO. Also, includes a photo of yours truly working in the Minnesota cold on our deck. My wife wanted to have a picture to send to my mother and show her what I was doing!

Tony Drumm  
ARS AA0SM - Rochester, MN

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Al Moyle <moyle@essc.psu.edu>  
Subject: [14342] Good grammar or good taste?  
Message-ID: <3.0.32.19970311081243.009028a0@pop3server.essc.psu.edu>

At 09:05 PM 3/10/97 PST, you wrote:

>Sew, Watt's the bigg problum wyth propur spelin hear on the QRP-L ???

>

>Dew ewe knot have a spElChek'r???

>

>72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),

You know, you can even get in trouble by using a spelling checker. Yesterday at work one of the secretaries typed up a message about a NASA program ... the Goddard Visiting Scholars program ... and ran it through the spelling checker in the Eudora e-mail program. Well, it didn't like the name "Goddard" and offered a list of alternative words ... turns out that the first choice was "Goddamn". Without thinking, she just hit return. So everyone got a message about the Goddamn Visiting Scholars program. That's the funniest thing that's happened at work in a long time ... and on a Monday, when we needed it the most :-).

72,  
Al N3KFL

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [14312] Grammer aynd QRP  
Message-ID: <19970310.210542.8175.2.wb2vuo@juno.com>

Sew, Watt's the bigg problum wyth propur spelin hear on the QRP-L ???

Dew ewe knot have a spElChek'r???

Rite the phial two a .txt fyle, aynd runnit threw, thus reterning itt two a propur formatt.

Better yet, read it phonetically, and ignore the small stuff

If you are not a Phoenician, do the best you can with your Phonics.

If you only work CW, and have no Phonics skills, please disregard this post

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),  
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group  
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)  
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"  
Packet - wb2vuo@w2im.#wny.ny.usa.noam  
Email - wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Jim R. Hatfield" <jhatfiel@mail.orion.org>  
Subject: [14315] Is it too late?  
Message-ID: <Pine.SOL.3.91.970310202913.13790A-100000@orionc0>

Is it too late to get onto the OHR group buy?  
Do they have a web site?  
If anyone has information please e-mail me . 72s Jim

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: jayboy@psnw.com (Jay & Jackie)  
Subject: [14325] Keyer modes (A or B)?  
Message-ID: <199703110425.UAA19047@sierra.psnw.com>

Say, anyone know the difference between Mode A and B on these keyers? Have  
a KC-2. I suspect it's character spacing....What's everyone using?

Thanks

Jay, W6JDB

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [14357] KU7Y and QSL cards.....  
Message-ID: <Pine.SUN.3.90.970311080304.22619K-100000@vortex.sage.dri.edu>

Hi All,

I have been looking for some cards that have not been answered. I hadn't found any but my wife just called and said she found a "pile" of cards with SASEs sitting in a drawer!

So if you are missing my card and you send a SASE, the mystery may have just been solved! Hang in there a little bit longer!

With red face in NV, cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Steve/n0tu <N0TU@webaccess.net>  
Subject: [14341] Mod a38s to 20 or 80 yet??  
Message-ID: <332554CC.6DF3@webaccess.net>

Just wondering if it's possible to mod a 38s to 20 or 80m and how difficult it would be?? Anyone attempted this yet and willing to share their ideas??? Steve

-----  
"Just doing it" - Havin'a blast buildin'& usin' QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Jack Bryant <Jack.Bryant@math.tamu.edu>  
Subject: [14318] N/T fox and report from  
Message-ID: <199703110344.VAA23574@fourier.math.tamu.edu>

This group holds surprises beyond expectations. To wit: I got a report from Brad tonight of RST 299. At least I finally caught him.

299...

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
Subject: [14309] N/T Fox Tonight?  
Message-ID: <970311012948\_70511.3041\_IHD80-1@CompuServe.COM>

Gang:

For some reason I have calendared that there will be an N/T FOX tonight.  
My calendar shows it as KB0ROL (Brad) in CO (0200-0400, 11 Mar 97).

But I have seen no notice about it. Does anyone know?

72/73,

--Doc/K0EVZ QRP-L 861 MN-QRP 19 NJ-QRP 69 AK/QRP 139 Norcal CQC ARRL

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: nskousen@scientech.com (Niel Skousen)  
Subject: [14352] N/T Fox Wed !!  
Message-ID: <v02140b00af4b29fc729b@[198.60.91.132]>

Wednesday will be my last turn as a Novice Fox. A very heartfelt thanks to  
all who have listened for me thru the winter, Especially those who have  
spent hours listening w/o successful QSO's !!!

Hope to hear you all tomorrow !!

A special invite to Brad and Chuck, hope to catch you both.

==== Novice/Tech+ Fox =====

WA7SSA Niel Skousen  
Wed. 3.12.97 7:00-9:00pm MST  
Thur. 3.13.97 0200-0400 UTC  
FREQ 7.112 +/-  
RIG FT-757  
ANT 40m Inv.V @ 28'  
QTH Idaho Falls, ID  
QRP-L #119

TNX to all, CU tomorrow . . .

Niel

-----  
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG      nskousen@scientech.com  
208.525.3742, FAX 529.4721    Idaho Falls ID      WA7SSA    QRP-L.119  
Z-----DN33wm--- . . . -

From owner-qrp-1@Lehigh.EDU    Tue Mar 11 18:47:30 1997  
From: Mark E Gustoff <Mark\_E\_Gustoff@ccm.ch.intel.com>  
Subject: [14363] New ANT; 300% better than monopole????

Interesting new concept in antennas discussed at:

[http://www.cira.wvu.edu/PDFs/white\\_papers.htm](http://www.cira.wvu.edu/PDFs/white_papers.htm)

Under title of CTHA.

What do you think???? Fact or Fiction????

72,  
Mark

From owner-qrp-1@Lehigh.EDU    Tue Mar 11 18:47:30 1997  
From: Joe Everhart <n2cx@voicenet.com>  
Subject: [14326] NJQRP meeting report 2/22 (LONG!)  
Message-ID: <199703110430.XAA26184@mail3.voicenet.com>

Group(s),

The latest more-or-less monthly NJQRP meeting took place on Feb 22. Our host and hostess for the invasion were James, KA5DVS and his long-suffering wife Kathy.

Due to the meeting, club members got a late start in the FYBO competition. Instead, we worked on kitting Rainbow tuners, so it was WYBO instead.

To forestall any mass rebellion we let everybody enjoy the assembled mass of food while socializing and showing off their latest project. Then we got things rolling with a brief status report to being the group up to speed on the project and to lay out the day's

tasks.

We also took a vote on the color picture to appear on the Rainbow manual front cover. Ace digital photographer Dean, N2TNN had come up with a half dozen or so great choices. We finally decided that the pix showing the Rainbow pc board with an Altoids tin behind it best captured the Rainbow project spirit.

In spite of dire warnings from Doug Hendricks and Jim Cates, we had decided to enlist as much volunteer labor as we could so that all could share in the joy of participation. As it turned out, all went very well.

The process we followed is really a variation of the classic assembly line a la Henry Ford. Some preliminary work had already been done in that the semiconductors had already been packed in zip-lock anti-static bags under controlled conditions so that they would not be damaged in handling.

Also, Herb, K2HPV had generated a mailing list \*and\* printed up mailing labels, saving us lots of effort!

And the eight precision resistors needed for the kit had been "prepped" for kitting by Herb and Ken N2CQ. Since the 1% resistors have tiny color bands in an unfamiliar configuration, we decided to lay them out in the order of use on self-adhesive labels so that kit builders had only to start at one end of the row as they built and remove the resistors in order. Believe me, it's a help to old eyes!

Before actual bagging of parts could begin, there was more prep work, so we split into groups to do all of the up-front work. The groups were:

One to put the mailing labels on the envelopes.

One to cut magnet wire for inductors.

One to cut hookup wire for jumpers.

One to count out 11 solder terminals and put them in the anti-static bags with the semiconductors.

One to do final proofreading of the manual. Mind you I had given the manuscript to Bill W2DP, who had done a superb job of editing and both of us had proofread it. We thought it was fine! The proofing team included David, N2SMH who is a professional electronics industry editor - thought he could escape work, but we made use of his talents! Don't let this guy near a document with a red pen. When he and his henchmen were done with it, the manual we thought was pretty good looked like it was a victim of the St. Valentine's day massacre. But the final

result was well worth the effort.

Once all of the preliminaries were we set up an assembly line to do final parts bagging. Tony W2GUM, who could not make the meeting, had provided plastic parts bins. We set up in a row and dumped parts in them in the order that they were listed in the manual's parts list.

In front of each bin was a label, indicating what part as in the bin and how many went in each kit.

The bins were laid out on several tables, while kitters picked up a plastic bag at one end of the line then walked past the tables, picking up parts in order from the bins and putting them into the bags. Then the bags were sealed with a wire tie.

Periodically, a QC audit was done on random bags to be sure that the all of the parts were in them and that the quantities were correct.

Part of the way thru, we realized that we were missing some parts, so our host and hostess printed out small sips of paper with the part values that were put into the bags so that they could be added when at a future date when additional parts were ordered.

It certainly was an all-day affair! We were all tired pups by the time four o'clock showed up but all of the loose parts on hand had been bagged and the mailing envelopes were all ready. The only remaining jobs were putting in the missing parts, then putting manuals pc boards and parts bags into the padded envelopes and mailing.

It all worked out remarkably well. All of our conscript labor had a great cooperative spirit and pitched in to help wherever they were needed.

Of course a couple of guys \*did\* slip off into James' basement to make a few FYBO QSOs...

Speaking for NJQRP,

72/73,

Joe E., N2CX

72/73,

Joe E., N2CX

from Southern New Jersey, y'all



work: jeverhart@cayman.vf.mmc.com  
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>  
Subject: [14321] OHR-100 question...O'scope?  
Message-ID: <3.0.1.16.19970310225722.3867e614@postoffice.worldnet.att.net>

Hello Gang!

Just got my OHR-100 kit today and first read thru the instruction manual. I was surprised to see that an oscilloscope is necessary for alignment. Instructions say that "you cannot align this radio without an oscilloscope". Well...I am in trouble...I don't have one. Has anyone done the alignment without a scope?? Is it possible?? Did not know that a scope was going to be necessary for alignment of a simple little QRP xcvr.

73/72                      QRP ARCI # 8911  
Gary - W2UX                QRP-L # 593  
Lexington, SC              CQC #413  
(EX: WA2UAX)  
CW is the REAL THING!            Use it or lose it.

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [14361] QRP-and great rigs from U guys  
Message-ID: <01IGDIQCZJ2A8WWC56@tntech.edu>

Well,

had to have some therapy this AM, so only did 1/2 my exercises and no reading early this AM.

First I turned on my Dan's NW8020. The 20m band was not quite awake. Tuned around and heard a very weak DL, gave him a call. He came back to me immediately. Seems my signal was getting out better than his. This rig really seems to get through.. except for a few problems which are minor (and none are associated with the

design of the rig, all associated with the fact that I got the Dan's Small parts version), this rig does a GREAT job.

Next I switched on my Wilderness Norcal 40A. heard a W0 station calling around 7.040. I talked to him for a while. I fellow QRPer using a Ten Tec 556? We naturally started talking about QRP ..probably would still be talking if the band hadn't got a little ill :-( At one point there was a very strong QRO station about on top of us. I turned the RIT a little and was able to continue the QSO. I played with the RIT and was once again amazed at the receiver in the Norcal 40A. It seems to do a better job without an extra filter than the Index QRP++ does with the SCAF.

Guess my new dream rig is a Sierra with KC2 and LDG QRP tuner.. may have to trade off a bunch of stuff :-)

72  
Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>  
Subject: [14343] QRP-Lers at UKT?  
Message-ID: <D912253301462936@mhsgate.meth-mem.org>

Well my baby girl finally made the decision to attend UTK (University of Tennessee, Knoxville) over FSU (GO 'NOLES!). Would the QRP-Ler on the faculty of UTK shoot me a private email, please? I apologize for not recalling your call, name, etc. de Mike, KR4IT (cloudm@mhsgate.meth-mem.org)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [14372] REGISTER YOUR WEB PAGE  
Message-ID: <v03020918af4b68b35d20@[129.74.35.16]>

Greetings.

More and more Internet QRP Club members are developing web pages these days. We now have a central area for people to get links to these various pages on the Internet QRP Club Web Site.

You can get to the Internet QRP Club Member Web Page Registry from the club info page on the Internet QRP Club Website:

<<http://grp.cc.nd.edu/grp-1/clubinfo.html>>

You can get to the Registry directly at:

```
<http://grp.cc.nd.edu/grp-1/club/members.html>
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This Registry is driven by a database. Each club member can register a link to his personal web page at this site and it will be instantly added to the database. No interaction with a human webmaster is needed. Additions and updates are automatic and immediate.

The list is in three columns: call sign, member name, and member number (your QRP-L number), and can be sorted by each of these. Each callsign provides the hypertext link to the individual member's page.

Each entry is password protected so you can go back and edit your entry and not have someone edit it without your consent.

72!

---

Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:  
[<http://qrp.cc.nd.edu/QRP-L/>](http://qrp.cc.nd.edu/QRP-L/)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: mykey@aztec.asu.edu (MICHAEL C. TODD)  
Subject: [14368] Screwdriver antenna  
Message-ID: <9703111925.AA16851@aztec.asu.edu>

I am looking for information regarding the durability of a "Big DK" type antenna in a fixed outdoor location. Because the proposed location is for me, not readily accessible, I am concerned with the maintenance factor. Any information that you provide will be greatly appreciated.

Please respond via direct e-mail.

tnx W9U0B Mike Phoenix AZ scORPion #17

— —

[B[C

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Steve/n0tu <N0TU@webaccess.net>  
Subject: [14327] TiCK into the Tin w/49er  
Message-ID: <3324E04E.3C6D@webaccess.net>

Well I solved the problem of no sidetone in my 49er by adding a TiCK!  
I used the Ugly Construction methode...glued the mess to the PCB after I  
remove a few topside components and stuck 'em underneath...(I stuck a  
photo of this mess on my webpage for those interested - see new). The  
TiCK works great! At last I've got a sidetone to hear myself send...I  
found the 49er impossible to use w/o one! Unless I listened to myself  
via another radio...now it's ALMOST ready for for the trail. The rx has  
a loud popping noise when it returns from tx!! And when I speed up the  
keyer I get clicks in the rx audio and no sidetone!! any suggestions???  
Hmmm... Debugging these lil QRP rigs is another hobbie unto it self!! I  
just want to through this guy in my pack and hit the trail. Instead I've  
had to learn how the rabbits run around in the circuit. Oh well...The  
journey is the destination someone said....CUL Steve

-----  
"Just doing it" - Havin'a blast buildin'& usin'QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Dale Anderson <dalea@artemis.fc.hp.com>  
Subject: [14378] Took it to the top...  
Message-ID: <9703112126.AA00264@artemis.fc.hp.com>

Hey Everyone,

Yet another QRP-L'r has made it to the top. Yes folks, this  
reserved, little-known, weak-signal'd op took both the Advanced  
AND Extra exams on Saturday ...and passed!

Anyway, I feel I owe much credit to this great group for feeding  
my enthusiasm. Heck, it was just a little over a year ago that  
I first entered the halls of HAMdom. Now look. Who'da thought?  
If not for the Elmering and the role models (Chuck and co.) that

I espire be like, I doubt I would have gone this far. My sincere thanks to all.

Wow, the OHR 100 arrived Friday. Jumped from General to Extra on Saturday! ...life is good...

72 es 73  
de Dale, KB0VCC  
Fort Collins, CO  
QRP-L #91 / CQC #251

P.S. Ok Brad, it's ur turn. You must be up to 35wpm by now, with all ur FOXin'. You wanna use that 38s ur building, don'cha?

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Kelly Ellison" <kelman@dialnet.net>  
Subject: [14362] Trade QRO for QRP  
Message-ID: <199703111809.MAA16633@shell.dialnet.net>

Hi,

I have got a real nice Yaesu FL2100B HF Amplifier that I would consider trading for a QRP rig.  
If you want more information on the Amplifier, Email me and I will send it.

Here is what I would like to find:

Icom 730 HF rig  
QRP +  
Ten Tec Argonaut 515

Let me know if a you might be interested in such a trade. Email direct at kelman@dialnet.net

thank you,

Kelly Ellison  
WB0WQS  
Aurora, Missouri

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Jim Hydzyk <congress@magpage.com>  
Subject: [14380] Why I gave up QRO (vy long/entertaining)  
Message-ID: <199703112148.QAA12065@alaska.magpage.com>

This is a little similar to the 'I used to be a QRPer' thread but here it goes.

This gets better towards the end :)

Bottom line first: The hobby advantage for high power operation just wasn't worth all the effort it took to do QRO. It was laziness and lack of reward that left me in the world of QRP.

The first amp was a single 813, then came the B&W LPA-1 with a pair of 'em, then the 30L-1. Each of these babies required more work (to me) than they were worth. The dipole's ceramic insulators cracked, no, blew apart big-time in the rain, and I've set more than one tree on fire...oh yes, lots of smoke first, but then the flames came. Picture goes here of WA3QCV's dad outside across the street with a garden hose before the FD arrived. Then there was the TVI....no problem in my house, but those old B&W tv's without cable wern't too hard to overload. Neither were the neighbors' stereos and their new synthesized organs.

Did I mention the telephone interference? How about moisture in the traps of the beam and the verticals blowing things apart. Then the Hornets nest catching on fire the following year in the big traps. All of these antenna parts were rates at 2KW.

The LPA-1 took low drive for full power with the tuned input pack and often I'd forget to hit the external bypass relay switch and work the target with the Globe Scout 65B barefoot. There didn't seem to be much difference in the kill-Q rate during any of the contests either. Ah, worked 583 contacts on Field Day one year. Oops, worked 581 the year before with a Johnson Challenger and same antennas. I knew I was supposed to progress in the direction of my elmers and pedestalized DXers of the Western Penna DX Society, but something was wrong. There was more time spent cleaning up RF overload problems than working DX. A review of any previous year showed multiple log books filled with month after month of non-US stations and nearly all of it at 5-40 watts output.

I just got tired of the chase to fix yet another new radio or TV in the neighborhood. With the amps gone it was back to building 6AQ5 homebrew TX's and VFOs, and receivers. That took a little time but man what a rush

working 300+ Q's on a DX contest with the first all homebrew station. Wish I'd kept that HB rcv'r with the Collins 200 Hz BW 10-pole filter.

Life began with less than 40 watts output, but after the amp-on/amp-off experience, I was ready for the next revaluation. The 6AQ5 TX with just a couple watts out was turning out 375 Q's on the next Field Day. Looking at the Math I finally figured it out. It's the antenna dummy. I forgot to mention that in my 2nd year as a ham, now 15-16 yrs old, I won 2nd prize at the local hamfest, a 6 element widespaced Telrex beam and had it up 60 feet for many years. Hell, I thought everybody had the ability to work Europe 24 hrs a day on 20M.

With 280+ countries worked with less than 40 watts before getting married, there seemed no reason to crank up the power. Then, one day, at the same ham club, I ended up getting the Globe King 500C for \$50 because the guy who won it on a \$1 raffle ticket couldn't take it home. Oh Yeah, QRO! Nobody let me rest. Kids, wife, neighbors, no one wanted to even see the filaments turned on. Still didn't work any further. Guess the 3 element monoband 40M yagi did all the work and it was back to 6AQ5.

The rest of the stories can be pruned out for a Pepsi and a slice of pizza and there are many more to be told. I grew up as a near-QRP'er and didn't know any better. When I evaluated all the time, money, effort, and near death experiences that QRO provided, and aware of not having any more fun, it all seemed pointless. One year I ran CQWW DX CW with a couple of avid (Darn Good) DXers. I was definitely the least skilled of the crew. I took the midnight to 7 AM shift in a strange station and when every one went to sleep, I turned off the Alpha Amp. and went to 50 watts output to kill the flickering of the lights in the shack. My Q-rate was 2nd highest out of 4 guys and not far from the highest. That was my last day of operation above 5 watts. Joined ARCI that year too.

In recent posts there is talk of QRPers' receiving skills being a little higher than the average. I'd probably phrase it differently. We are so accustomed to listening for the signals at the noise level that we never hear the band go dead. What might seem to be no response to those accustomed to big sigs during fair band conditions is an opportunity for US to pick out the 339 stations that are always in there during a contest. We listen longer for the weak ones. Listen to some of the big guns during a contest. If no reply to CQ Test is heard within 3 seconds, the next CQ is hailed. We just don't do it that way. It's not part of our daily habit.

I do hold a distinction between the DXer who does scrape the noisy electrons off the band to seek out that far off station vs. the loud-amp contesteer. The DXer with an amp is just like us, but with more power. If we were to take the seasoned QRP'er and put her/him in the QRO DXers chair for a contest at 100 watts output, I bet the scores would rival those of Joe-Kilowatt. We listen better! Been there. Done that. Had a good time. The sunspot

minimum has produced better listeners across the board. Everyone has now has their share of working a band for hours on end and not seeing the meter top S-5. When the better conditions return, we have a chance of taking those who survived the minimum and keeping them listening for the weak ones. Shortly we'll have before us the best recruiting tools for QRP promotion you could ever ask for: good DX conditions and QRPers who love their aspect of the hobby.

Remember a month ago when someone asked if the ARRL is worthy of joining, well it's like anything else. If we don't like it, then we aren't part of it. Write the article. Send in the pictures. Tell the story. It's what makes OUR QRP publications so good and just out of sheer volume, the other magazines will publish a share of our stories too. There is enough talent on this reflector to help you with your story or article. If you're intimidated (who isn't the first 2-3 times) to submit a raw article, pick one of the QRP newsletter editors to review it for you. I know a few of these guys and everyone of them would be proud to help 'dress up' an article going to the big house. That goes for me too.

>From story to proselytization, not bad for not being in Peterborough, New Hampshire

Gary-N3GO's long message made me do it, Jim K3QIO Delaware (formerly NH)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Bruce Ratray <ratray@siast.sk.ca>  
Subject: [14358] you know.....  
Message-ID: <2322201011031997/A05649/RIEL/11B35A941500\*@MHS>

Thanks for your latest e-mail Joe! ("Yeah, but what pound-test line did you use?!?"....I'm still laughing...maybe I'll gather these "pearls of wisdom" and include when I do a QRP workshop at our Provincial Hamfest here in July...thanks again and don't go away...HI HI...I chased WB0ROL last night but his VERY weak signal showed up at 0200Z until 0215Z and then disappeared for the next 2 hours...72/73 - Bruce  
(VE5RC) "QRP! How sweet it is!"

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [14360] Re: \*\*\*\*FOX TONIGHT\*\*\*\*  
Message-ID: <199703111629.QAA00239@chuck.dallas.sgi.com>



Ron,

I repeat your line "For QSO #100, I'll buy a steak at the Carson Nuggett!". What will feeding yourself get us? :-) :-)

OK, let's try bribery. I'll send everyone in TX that works the fox tonight one brand new 2SC799 in the envelope. I'm in CA. If I get a chance to work Ron, I'll lease the 20 sq. feet during the QSO for the great state of TX, so it'll be TX territory. :-) Joking gang, joking. The 2SC799 is not a joke though.

This outta be exciting. I hope that someone brings a receiver and an antenna.

dit dit to all and to all good luck  
Chuck Adams K5FO adams@sgi.com DXCC=11  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: n4js@amsat.org  
Subject: [14365] RE: \*\*\*\*FOX TONIGHT\*\*\*\*  
Message-ID: <XFMail.970311132627.n4js@amsat.org>

On 11-Mar-97 Monte Stark expounded:  
>Just a last reminder.....  
>  
>Tonight, at 0200z to 0400z, I will be Foxing at about 7043.  
>

Hope the band is open early, as I have to leave for work at 0220! Would like to get one more fox!

Sent at 13:26:27 on 11-Mar-97

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| _ \           _     / _ _       | John L. Sielke n4js@amsat.org n4js@pobox.com                        |
| . '     _ _         \ _ _ \     | n4js@n4js.ampr.org NJ Grid:FM29LN                                   |
| _   \ _     _   \ _ _ /   _ _ / | <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |
| NE-QRP #507 G-QRP #9544         | NJ-QRP #57 QRP-L #884 QRP-ARCI #9328                                |
| NorCal QCWA FISTS #2781         |                                                                     |

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>

Subject: [14369] Re: \*\*\*\*FOX TONIGHT\*\*\*\*  
Message-ID: <199703111939.NAA23189@multi13.netcomi.com>

Ron, if you don't break 100 QSOs tonight, it won't be for lack of trying from California and Texas!

Mike K1MG

> OK, let's try bribery. ... If I get a chance to work Ron, I'll...  
> be exciting. I hope that someone brings a receiver  
> and an antenna.  
>  
> dit dit to all and to all good luck  
> Chuck Adams K5FO adams@sgi.com DXCC=11  
> [http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: rubenc@iglou.com  
Subject: [14303] Re: 10 meter kit  
Message-ID: <3324A044.7F9F@iglou.com>

Bensondj@aol.com wrote:

>  
> Hi Tom and company-  
>  
> >>Hi Fellow QRPers, wondering if any of the kit suppliers have a rig for  
> >>10m cw. I would by one in a flash if they we available. 15 meters would  
> >>be great also. Need something small for backpacking cuz the old Argo is a  
> >>lil on the heavy side! Thanks and 72, Tom WB5QYT QRP-L 640 and scQRPion 22  
>  
> I should have a 10M version of the GM-series available in a couple of weeks.  
> It's a board- only kit presently but I can supply info on a compact  
> extrusion enclosure to go with it. Output power on 10M should be 1.5W. Let  
> me know if you'd like further information.  
>  
> I'll post further to QRP-L when it's ready to roll. :-)  
>  
> 73, Dave Benson, NN1G

I'll be REAL interested in it, particularly to run xverters with.

Charlie

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
Subject: [14354] Re: 38S U4 Question  
Message-ID: <Roam.SIMC.2.0.4.858094946.25716.myers@bigboy>

Marty Watt wrote:

> Can U4 be a 78HCT240, instead of a 78HC240? I'd think not, based on  
> information in the Data Book by NA5N. But RS had the "T" version,  
> not the regular version ...  
>  
> What would be the result of using a "T" version, which has a higher  
> response time, but is a bit tighter on voltages? Seems we're  
> overdriving the chip anyway, since the expectation is for 7.8v on  
> several pins of U4. (The Data Book shows the Vcc of the normal  
> 78HC240 as 2.0-6.0v, the "T" version is 4.5-5.5v). The Vhi is a bit  
> lower (1.1 V). By the way, just what is Vcc? I'm assuming it's  
> some sort of operating voltage range, but I'm an idiot, and not sure  
> of such things ...

The 74HCT logic is 74HC logic that has been modified to have input voltage thresholds compatible with TTL logic. The Vcc (supply voltage) range has been specified as that of TTL, too. HCT is normally used when connecting TTL logic to HC logic, since a TTL gate has a more limited output voltage swing and may not adequately drive the HC.

I'd definitely prefer the HC part (not the HCT) in the 38S application, but I suspect the HCT part would work OK.

Vcc actually means something like 'collector supply' - which is a reference to TTL. You'll sometimes see 'Vdd' and 'Vss', where Vdd means drain supply and Vss is the source supply, for CMOS parts. In this case, Vdd is the same as Vcc.

Dana K6JQ  
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: PA3ASC@mailbox.hol.nl (Mike Perry)  
Subject: [14367] RE: American Sub for European Parts???  
Message-ID: <199703111909.UAA04543@bonny.hol.nl>

Wow, that was a long time ago! The HW8 still performs as a vacation rig. As far as I remember the component choice was not critical. But I don't have data sheets any more, and I've mostly lost contact with G-land where I got the stuff.

The toroid hosts an RF transformer and the core is about half an inch diameter. I haven't tried Amidon FT50-61 but that is where I would start looking for a second source.

The OA90 is a general purpose, small-signal, germanium diode with axial wire leads and a glass case. The low voltage of germanium (0.3 V) compared to 0.7 V for silicon motivated the choice.

>From: Bill Myers <bjmyers@arc.net>  
>I'm going to be making the reflected power measurement  
>mod to my HW-8, the one published in the Autumn 1980  
>issue of SPRAT by Mike Perry (PA3ASC/G4HWZ).  
>Anyway, the parts list calls for a FX1596 torroid (14mm OD)  
>and a OA90 diode. Could someone please tell me what the  
>American equivalents are for these parts???  
>Thanks es 72/73

>

P.S. I let the G-call go a few years back  
Hope this helps,  
73 de PA3ASC

--

Best regards from The Netherlands,  
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl ]

=====

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: nskouen@scientechn.com (Niel Skousen)  
Subject: [14335] RE: B-Nut Question/B-Nut Success  
Message-ID: <v01510100af4aa923c1b9@DialupEudora>

>From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
>To: <qrp-1@Lehigh.EDU>  
>Subject: [14247] B-Nut Question/B-Nut Success  
>===

>Hi Gang,

>

>I finally found a used HF-6V, and at \$50 no less. And it has the 17/12 kit.  
>I initially have ground mounted it with 20 radials until I can finish the  
>>tilt over mast that will be its final resting place. So far it tunes about  
>30kHz of 80M, indicative of a very good ground system, most of 40, all of  
>30, 17, 12 and at least the low end of 10. It seems to work as well on 40m  
>as the elevated 1/4 wave HB I took down. I used an MFJ analyzer at the

>antenna to accomplish tuning.

Arg, I'm still looking for a good used multiband vertical..... Glad you found one !! Any others still out there ?

TNX Niel

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [14356] Re: B-Nut Question/B-Nut Success  
Message-ID: <199703111604.LAA56696@nss2.CC.Lehigh.EDU>

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_01BC2E0C.252CA7A0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks to all who have assisted me with the Butternut tuning difficulties. I got no fewer than 11 great replies. My problems are on the verge of solution. Principle troubles were as follows:

- \* I did not use the 1/4 lambda section to check the tune on 20M. This caused the SWR to look sky high. When I checked in the shack at the end of ~130' of hardline, the SWR was OK across most of 20M; at least until it went intermittent.

- \* I have found a touchy connection bottom of the 30M coil. I hooked up the SWR analyzer in the shack and watched it whilst the wind blew at 25 mph and sure enough, the SWR rose and fell in quick jumps on 20M. I will apply emery cloth and anti-ox paste when I get home today.

The rain last night did DROP the point of lowest SWR considerably on some bands. I suspect that when I elevate the antenna in a month or so the additional decoupling from the ground will somewhat alleviate these changes.

In my installation, the 20 radials of between 30 and 50' seem to be FB. The 2:1 SWR points on 80M are 30 kHz wide.

I once commented that I do not like my XBeam because it is a pain having to rotate it all the time, making QRP contesting tougher. Well now I have 3

antennas up that are VERY different; the G5RV at 40', HF6V on the ground and the X-Beam for 20M. So to find the best signal strenght I have switch between 3 antennas AND rotate the beam.

Given the small amount of operating with all three antennas I can see that the thing ot do is run with the vertical and switch to another antenna only when needed.

Thanks again guys, the tips and learned advice have solved my problem.

72, Mark N2VPK  
Member of the Buffalo QRP Connection

-----

-----=\_NextPart\_000\_01BC2E0C.252CA7A0  
Content-Type: text/html; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

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<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D2 =
color=3D"#000000" face=3D"Arial">Hi Gang,<br><br>Thanks to all who have =
assisted me with the Butternut tuning difficulties. I got no fewer than =
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small amount of operating with all three antennas I can see that the =
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when needed.<br><br>Thanks again guys, the tips and learned advice have =
solved my problem.<br><br>72, Mark &nbsp;N2VPK<br>Member of the Buffalo =
QRP Connection<br><br>-----<br><br></p>
</font></body></html>
```

-----=\_NextPart\_000\_01BC2E0C.252CA7A0--

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [14349] Re: Debugging Prize Presentation  
Message-ID: <Pine.SUN.3.90.970311072041.22619D-1000000@vortex.sage.dri.edu>

On Mon, 10 Mar 1997, Doug Hendricks wrote:

> Tuesday night at K5F0's Pizza party near Two Guys from Italy in Mountain  
> View

Notice the date/time.....

> Chuck Adams will proudly present the winner of the qrp-1 debugging contest,  
> Mike Gipe, K1MG, his prize, a TenTec 1340 QRP kit.

Attention all Californians.....look at the bribe from the guy from  
Texas.....just to keep the fox hunters off the air and let Texas  
catch up!

> Mike has informed us  
> that he will be present after he works the Fox.

Way to go Mike....don't fall for the bribery! I'll start off looking  
for California with the inverted vee.

> Hope you can be there to  
> enjoy the Pizza and help Mike celebrate.

And Mike will enjoy the Pizza on Chuck even more knowing that he  
has scored a qso with the fox! :-)

> I am happy to report that the kit works great, and that it will soon be in  
> Sacramento, as a real rare QRP rig, A working RadioKit QRP40. It is going  
> to Jim Cates Collection.

Good!

> Ok, gotta go. See you tonight (Tuesday) at K5F0's party. 72, Doug, KI6DS

I think you should have a station set up to do some fox hunting

from the parking lot tonight! Maybe even use that RadioKit QRP40!

Oh, Doug, be sure to eat a big slice of Pizza for me! cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [14384] Re: For Trade -- Radio Shack DSP  
Message-ID: <3327e1af.168734463@smtp.usit.net>

On Tue, 11 Mar 1997 19:41:38 GMT, mdwatt@usit.net (Marty Watt)  
wrote:

>I have a new in the box Radio Shack DSP that I'd like to trade.  
>Looking specifically for a 4AH Gel Cell battery charger, with  
>automatic switching from full charge to float charge. Consider  
>other trades -- a St. Louis Tuner perhaps? Other ideas?

We've got a "hold" on this -- I have a potential deal. Thanks for  
the interest.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14350] Re: FYBO Log Deadline Soon!
Message-ID: <199703111528.IAA09775@usr04.primenet.com>

Howdy Folks,

In my nagging for FYBO logs, I forgot to mention that email logs are just fine too. Sorry 'bout that! If you've already emailed your log to me, you're covered. To be honest, snailmail is preferred since I still believe it's still more reliable than email, but it's up to you.

And of course you know my email address. :-)

Hope everyone snagged some nice QSOs last night! I got home with 3 minutes left to work the N/T Fox. And my clock may have been 3 minutes slow. :-/ But I had a very nice ragchew with a NY ham and his old Collins. Think we may have another QRP convert. Said he'd seen the Sierra and thought it was a nifty box. Needless to say a copy of Wilderness Radio's catalog will be in with my QSL. :-) Hey, wouldn't it be neat if the QRP kit suppliers all gave us fliers we could slip in with our QSLs? It'd be sort of a grass-roots QRP lobbying conspiracy. QRP - Taking over the world one ham at a time. <g>

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [14348] Re: Grammer aynd QRP
Message-ID: <Pine.SUN.3.90.970311070229.22619B-100000@vortex.sage.dri.edu>

On Mon, 10 Mar 1997, William K Hibbert wrote:

> If you only work CW, and have no Phonics skills, please disregard this
> post

Ahhhhhh, thank you! I only work CW and can't spell. I have been looking for a good excuse for years!

OBQRP.....most contests have low power set up as 100w. (In fact I think the trend now is to move that up to 150w to cover the newer rigs). The difference between high power and low power is the amp!

I think of QRP as 5w or less and QRPP as less than 1w.

I also think I am a QRPer eventho I run 100w now and then and use the best antenna I can afford to put up! I also use the best receiver I can, which right now is the one in the TS 930.

Heck, I'll even be using the computer to log all the Foxi contacts tonight.... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [14310] Re: Hamstick
Message-ID: <3324B3C4.3415@edcen.ehhs.cmich.edu>

Paul, in reading your post on the ham stick I thought maybe a better ground is the "only" problem. As the ham stick is very narrow in band width, a. a good ground is a must, and b. you must tune the antenna with the whip on the end.

I have used ham sticks mobil and portable for three years with great success, but a large car or van is best for the portable ground. Also a gud antenna tuner will allow your match to go to 1 to 1. Don't try working cw and ssb at the same setting on the antenna, that's just too much to ask.

In the car I can work almost every sig. I can clearly hear, including most DX stations. Have fun, the ham sticks should work em!

Gary/N8AYY

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [14338] Re: Hamstick
Message-ID: <8D3B591.0004001452.uuout@cheaha.com>

-> On Mon, 10 Mar 1997, Joe Gervais wrote:
->
-> > Heck, in less than a year I worked all 40 states QRP with
-> ^^^^ !?!?
-> Must have been a long time ago, hi. Sorry Joe I thought you were a
-> lot younger than that :) Guess that make you a real OT... or OF...

<chuckle>

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: ak119@lafn.org (Rothan Maxwell)
Subject: [14334] Re: I use to be a QRPer BUT..
Message-ID: <199703110608.AA01306@lafn.org>

>
>
>Max (call??) wrote:
>>

Nu6u

>> For years I considered myself to be a QRPer; that is, one
>> who operates on the amateur bands, using no more than 5 watts
>> CW, or 10 watts SSB.
>
>Stop right there. That's all there is to it. :-) Some
>of us build, some buy commercial, some both. Some of us
>have giant gnarly stacked yagis that'd fry a flock of
>migrating birds and some are using random wire in their
>attic.
>
>But we're all QRP. There's the glue. Maybe we have a few
>sub-species, but we're all QRP. My QSL has a mode section
>where I put 2xQRP, not QRP/HB/Small Antenna x QRP/YaComWood/
>Rhombic.
>
>Mode-independent, gear-independent. Just the same desire -
>get the most out of the sig you have.
>
>Ooops... I've exceeded my self-imposed limit of 3 QRP-L
>posts/day. Sorry folks. I'll crawl back into my cubical
>now. Lunch is over. :-)

>
>QRP Forever!!!
>
>Cheers de AB7TT,
>
>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
>"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me
>
>
>

Thanks for your comments Joe. Your opinion is reflective of the majority that I have read on the subject.

73's de Max (Nu6u)

BTW, I bet I could find your call in my log if I looked close enough. And if I can't, I sure hope I will soon.

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: rflight@vnet.IBM.COM
Subject: [14364] Re: I use to be a QRPer BUT..
Message-ID: <199703111833.NAA37252@nss2.CC.Lehigh.EDU>

Quoting Bill's (WB0CLD) post relating the behavior of some QRO stations:

"We seem surprised when a qro op takes a 'standby for the qrp station'. The op who does this has the tools and has developed the receiving skills we should all strive for."

I reacted to this comment with a sudden sense that perhaps our self inflicted high opinion of the virtues of QRP are reserved for those of us who are energy conscious.

We all freely acknowledge that the "skill" associated with our little corner of hamdom lies squarely with the receiving operator. Bills comment (which puts some QRO ops in a more favorable light) is infrequently heard in most QRO/QRP debates.

An interesting antidote (if I may digress for a moment) relates to my own QRP experiences. I have owned my ICOM IC-735 since "Dayton '86", and I have rarely used it above minimum power (previously 8 watts... now 2.5 thanks to the "adjustment" mod I discovered in a posting on this list). Not until

about 2 years ago did I become aware of QRP-L, QRP-ARCI, etc., and I was only aware that unique "QRP" calling frequencies were allocated to most bands... I had no idea what these were, and assumed I would soon stumble upon them... I made no special effort to find out what they were... Why??? Well... I'm glad you asked that question... Because of my ignorance about these little clusters of QRP "groupies", I made the silly assumption that QRP simply meant minimum power... nothing more... nothing less... Silly me :-). Anyway... to get to my point here... I simply set the rig at 8 watts and enjoyed 9 years of just plain ham radio...

It worked fine... Yes I would come across a QRP operator once in awhile, but never thought there was anything special about him/her. I simply enjoyed the QSO like all the others... Most were QRO ops. Only during "generic" QSO's where for lack of meaningful topics of conversation would I even mention my output power.

I never even signed /QRP but thought it was a clever idea when I first heard it. I never quite developed this habit either. It sort of makes a short call like N3GO long again like my original WA8LBQ. It just seemed counter-productive. If while engaged in QSO the subject of power was discussed, it often perked up the conversation... Kind of a pleasant surprise to ops on both ends :-). It always seemed to me that "WE" were operating QRP. It never crossed my mind to differentiate myself from the QRO folks. In my younger years while aboard an obsolescing minesweeper in the Navy, I became a regular "novelty" to some of the 75 meter AM guns in the Northeast. I used to fire up our TCS and chat with them running a scant 10 watts on AM. I can't imagine how brutal that must have been for them... They lapped it up though, and for the first time in my then short lifetime as a ham... I became welcome into the old farts domain of "75 Phone".... That was in the "No Lids No Kids" days of the mid 60's. BTW 10 watts was QRO for that rig... I tuned it to the max :-).

Returning from my digression.... Thank you for your tolerance of same!!

QRP has never changed for me... I simply find that this list QRP-ARCI, the NorCalowinians, and on and on... are only extensions and variations of the same theme. QRP here is defined as "limit TX power to 5 watts... or 10 watts PEP" and is a convention that has been established here by majority if not unanimous agreement. It is 10 watts in the UK if my understanding is correct. Nonetheless... it is a hard and fixed limit and as such has relegated the original meaning to a a tidbit of historical trivia.

This list is also a source of QRP over-indulgence. It has taken me to new lows... in my hobby. QRPp was invented here... at least for me... I never heard such a Q-signal before... nor had I ever heard of 72... In any event... I now run QRO only when NCS for the KnightLites net... QRO in my definition is 1 watt and above :-)... I kick the rust off the antenna insulators with a whopping 5 watts as NCS... Boy... do I feel in control!!!

Not unlike other "aholics", we can become unaware of our QRP addiction. If we ban together on this, we can control this problem, and nobody will bug us with well meaning attempts toward rehabilitation. We must hide our addition by attempting to behave like the so called "normal" people. Ha... If they only knew!!!

But the real message of this post is... let's not ignore the fact that many folks who operate QRO rigs are just as eager to chat with us on the air as we are with each other. "Even the dull and the ignorant... They too have their story." When we put our hand to our key, we are but one in a very large population of folks who share a common interest. What brings us all together in QSO is the sharing of our diverse and endless differences. Even within our "QRP" ranks... our interests diverge... To name but a few:

- Antennas (Loops, Zepps, wirebeams, backpack-ables, etc.)
- Glowbugs (Antiques, replications, and resurrections)
- Construction (Homebrews, kits, ugly, Altoids, group projects/buys)
- Operating (FOXes, KnightLites, FYBO's, etc.)
- History (Q-signals, 73, QRPP, keys and bugs, rigs, ops., etc.)
- Internetworking (extending rather than replacing ham radio)

In the words of a (I will let him remain nameless here) hard core QRO op.. "When I turn the beam toward a DX station who will only be present for a short and finite period in my lifetime, I want to know when I call him he is going to hear me." I will offer that for somebody with limited time to invest in his hobby, and a strong drive toward trophy hunting... his success toward achieving his reward is optimized by max power and max antenna performance. In his own minds eye... he is operating QRP.... If he were allowed more... he would use more... I dare say that he listens hard for that rare DX station to appear across his headband... His weak signal receiving skills would compare with the skill of many of us on this list. He even confessed having a QSO with a QRP station recently :-)

A local repeater net operator in our area can pick out signals barely cracking the repeater squelch and identify them by the sound of their voices. She doesn't even catch enough of a burst to capture a callsign. She does this with astonishing precision, so it can only be attributed to operator skill.

And finally... How many are involved in EME activities?... Many of us view this work as the epitome of QRP... But are you also aware that there are folks pushing the envelope in that arena as well and attempting QRP EME QSO's using simple and somewhat crude signal processing. Talk about weird!!! These folks are using their eyes rather than their ears to pull out the weak signals. A not so new (at least not to Navy Sonar and Radar Ops) but rather bizarre twist to QRP operating. If you're interested in this work, check out:

<http://www.webcom.com/~af9y/>

So while our little corner of this wide world of amateur radio seems profound and exotic... there "are" other equally exotic activities one can pursue in the context of amateur radio. They deserve equal billing or at least equal respect for their contributions as science and technology continues to expand. In the meantime... indulge and enjoy QRP however you define it... Take comfort in knowing that if and/or when you find that you just don't seem to be getting much out of the hobby... there are many other horizons to follow.

The knowledge that we don't "have" to know everything about everything before we can become a "ham" is fortuitous... We didn't start out as experts... and some of us never quite reach that level. We should be careful when we attempt to dictate the requirements of those joining our ranks today.

I struggled to copy code at 5 WPM and memorized the ARRL Q and A manual to get my novice ticket. I became an electronics engineer (after being told to pursue something less because electronics was too hard), and now easily copy code at 30 WPM plus ???(28 with a pencil). I didn't have to know a whole lot to get started. I have always appreciated having had to earn the privilege though. Even memorizing dots and dashes, and a list of 50 questions and answers was a daunting task for a sophomore high school student trying hard to keep his grades, chores, and hormones in check. That effort gave the "ticket" its value... established its worth... empowered me with credibility... set me apart from my peers. I had desire and tenacity to keep with the program... I didn't have the knowledge... even after passing the tests. I have always contributed the successful "self policing" of the amateur radio spectrum to this requirement of earning the privilege.

A simple observation reveals that our testing program has passed the test of time. It is the singular difference that sets us apart from the CB crowd. Even charging monetary fees for CB privileges failed to encourage policing of this band. The licensing structure failed to provide a technical appreciation for the boundaries and capabilities of the technology. I think allowing immediate and unlimited "retries" when applicants fail a particular element undermines the inducement of the sense of ham radio being an earned privilege. I think it's less important what the test is... It is imperative that the test be administered equitably and appropriately. I support a recall of the "30 day go back to the books" philosophy. It is an inducement for the applicant to study hard if he/she doesn't want to encounter a delay. I think allowing an applicant more than one chance to pass each element at a given session makes mockery of the testing program, and causes me to challenge the integrity of the VE program... I know some of these folks, and I often find myself asking the question "What is their motivation". The FCC has given us a great deal of freedom and latitude with many of the new rules. We may have been given just enough rope to hang ourselves if we don't handle it responsibly.

The knowledge that we "can" learn a lot about a lot of things is what keeps our hobby strong and vibrant. It is a resource which the FCC will continue to support (and yes even protect) if only for the selfish reason that

new technologies will surely be borne out of our ranks for free.

Just some thoughts and opinions from deep in the soul of a die hard amateur radio operator... that just happens to be indulging in this little diversion of QRPP and all the many tangential diversions of its own.

72, 73... Thanks for reading, thanks for listening, thanks for contributing, and many many thanks for adding to the richness of this hobby and keeping my experiences exhilarating.

Gary, N3G0

Raleigh, NC

//// / * / / / //// //// * //// //// / * //// //// ////

Only I am capable of offering such absurdities, and must assume all credit for my opinions and suggestions. They are mine and mine alone. My employer will graciously disavow any knowledge of my existence and laugh heartily at the mere suggestion of such a preposterous notion.

//// / * / / / //// //// * //// //// / * //// //// ////

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: ak119@lafn.org (Rothan Maxwell)

Subject: [14332] Re: I use to be a QRPer BUT...

Message-ID: <199703110602.AA28673@lafn.org>

>

>Rothan Maxwell wrote:

>>

>> For years I considered myself to be a QRPer; that is, one
>> who operates on the amateur bands, using no more than 5 watts
>> CW, or 10 watts SSB. However; it now appears that what
>> constitutes one being considered a QRPer has - in my opinion -
>> changed.

>

><big SNIP>

>

>Max,

>

>Well, I have a portable rig that meets the definition of 'modern QRPing'

>which I take into the field from time to time. I also have a commercial
>rig which I operate at QRP power levels with better antennas from home.
>And I sometimes turn my home station up to 100 watts (but not during fox
>hunts!) I don't feel schizophrenic (at least, not as a result of ham
>radio).

>

>I do think that the concept of QRP as 'make contacts with low power,
>poor antennas, lousy selectivity, no RIT (etc.)' is not conducive to
>long-term enjoyment of the hobby, though! My philosophy is: use low
>power, but make the receiver and antennas the best that you can build or
>afford.

>

>To each, of course, to his own.

>

>Vic K2VCO

>

>

Hello Vic

Thank You for your response. It seems that many people have a broader
view of what constitutes QRP than I do at present; which really isn't
all that surprising, but it is interesting to hear the opinions of
others on the subject.

In regards to what you have stated about antennas and receivers as
they related to low power operation, I think you are right on target,
and your words ought to be listened to and acted upon...

Thanks.

de Max (nu6u)

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: ak119@lafn.org (Rothan Maxwell)

Subject: [14336] Re: I use to be a QRPer BUT...

Message-ID: <199703110617.AA05282@lafn.org>

>

>In a recent post, Rothan Maxwell concluded a thoughtful message
>with:

><< In conclusion, I would like to say that it was not my intention
> to create factions or fights here on the list. We Low Power and

> QRP types have much in common, and I think we can benefit from
> and appreciate each other more by recognizing and understanding
> our differences.
> >>
>
>What I don't understand is how and why the amateur community has become so
>filled with groups that have an apparently singular narrow focus on one part
>of this hobby, and a corresponding intolerance for those who enjoy some other
>part of this hobby. To me, one of the beauties of it is its tremendous
>variety. Explore one aspect, move on to another, keep learning new things and
>maintain an interest in the broad spectrum that makes up ham radio. I
>remember 30 years ago there were "factions" in the hobby, but seems to have
>gotten so much worse, or maybe the Internet just lets us communicate so much
>better, that we are aware of it more. Whatever, I wish such an intelligent
>group had a bit more maturity in its attitudes to people with other (but
>related) interests. Someone else here recently said "Lighten Up". Can I hear
>an AMEN -this is a hobby! Leave the fanatical passions for other things.
>Tom, NoBS
>
>
>

Wow Tom, when you say no bs, you really mean No BS. [smile].

I sure hope that I didn't come across like a fanatic. Even though I
presently feel more comfortable with the term Low Power Operator, I
don't feel that I am either superior or inferior to my QRPer friends.
I'm sorry if I failed to convey this in my post

73's and Thanks for your input...

Max (nu6u)

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: highland@cityscape.net
Subject: [14383] Re: I use to be a QRPer BUT...
Message-ID: <3325E05D.7F55@cityscape.net>

I find the continual quoting of the previous messages in the thread
counter to the QRP credo of doing more with less and bad netiquette in
general!

de KA9KQH
....quitely making noise.....

mailto:ka9kqh@amsat.org

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: launerb@crl.com (William H. Launer)
Subject: [14316] Re: I used to be a QRPer BUT...
Message-ID: <v01530500af4a624e9d73@[192.0.2.1]>

>For years I considered myself to be a QRPer; that is, one
>who operates on the amateur bands, using no more than 5 watts
>CW, or 10 watts SSB. However; it now appears that what

I believe this is still the primary definition of a "qrp'r"! My main qrp rig for 80 and 40 meters is an SP-600 receiver and an SB-401 transmitter (turned down to 5W). This wouldn't be my choice if I were backpacking, but it serves me well in the home shack. I'm not against solid-state equipment, I also have a Yaesu FT-301, and a 38 Special.

There was a thread a week or so ago saying that the real qrp skill was ability to copy weak signals. This is true - almost anyone can send milliwatt to 5W signals; if he uses a keyboard, he doesn't even need to know the Morse code. Copying is another matter, if your receiver doesn't allow you to hear the weak signals amidst the qrm, qrn, and internally generated noise, you aren't going to have much success copying them. I've seen reports of a number of qrp to qrp contacts - this is great! It shows that the ops have developed the necessary skills (with a little help from the propagation gods). We seem surprised when a qro op takes a "standby for the qrp station". The op who does this has the tools and has developed the receiving skills we should all strive for.

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: ak119@lafn.org (Rothan Maxwell)
Subject: [14371] Re: I used to be a QRPer BUT...
Message-ID: <199703111952.AA16512@lafn.org>

>
>Rothan,
>
>You are right about the ad hominum. I am sorry I offended. My sense of
>humor is slightly out of phase, sometimes.

No Problem, my grammar and spelling could always use a little help.

>
>I do disagree with you about the differences between minimalist/homebrewing
>QRP folks and low power operators of commercial equipment. I do both. I use
>my Yaesu for low power operating on some bands. I use HB equipment for other
>times/bands. I confess that some of the attraction of the HB route is price
>of the equipment. I can pretty much afford to buy whatever little kits I
>like (well, spaced out between paychecks anyway) but I can't do that with
>Yaesu/Kenwood/Ten Tecs.

>
I have not seen anyone who has agreed with me Yet, so perhaps I'm simply
out in left field on this one. I must admit though, it has been nice being
told that I'm wrong.

>I do SSTV, which in my opinion is not amenable to low power operation (though
>even there I only use the Yasu bare--don't have a linear in the shack.) With
>video, it is considered impolite to put out a weak signal on the nets. The
>point is that ham radio is a broad hobby, with a bottomless opportunity to
>learn and develop skills. I don't see why the distinctions need to be made
>between interest groups within the hobby.
>By making the distinction and attaching labels, we create artificial walls.

It is true that labels can be a means by which to exclude, but then
again, they also help us explain. I suppose balance is the Key.

Again, Thanks for your input, and CUL...

max (nu6u)

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: ak119@lafn.org (Rothan Maxwell)
Subject: [14308] Re: I used to be a qrper....
Message-ID: <199703110125.AA25926@lafn.org>

>
>Gang,
>
>Oh, I know I will get it for this one, but it's, "I used to" ; not, "I use
>to." It is bad enough when bad grammar gets posted once, but when it is in
>a subject line, everyone is forced to read it over and over!
>

Ad Hominem- To attack the person instead of his argument.

I'm sure you know that an Ad Hominem is a defective form of argument...
Nevertheless; Thank You for pointing out my improper grammar. It just
goes to show you, that you really can learn something from every person
that you talk with.

> I agree that the QRPer who claims to be in a different category because he
>uses commercial equipment is missing the point. Ham radio has lots of
>activities. The different areas are in competition for our time/attention,
>but we aren't in competition with each other except during contests or
>perhaps when there is a rare DX on the air. For the past several years, low
>sunspot numbers have made the bands rather empty, so there has been room for
>all, except during contests (or on 7040!). Some QRPers just like the low
>power operating. Some like building little rigs and operating them. Why
>create distinctions? Next, we'll have wars over which end of a boiled egg we
>open.
>
>72,
>
>Preston WJ2V
>

Well, we already have created a distinction by saying that there really is
a category called QRPer.

In regards to missing the point, I thought I explained my reasons for making
the distinction between QRPers, and Low Power Operators. You seem to
disagree with my way of thinking, and that is ok; because my thinking may
be wrong. However, being at the bottom of the solar cycle, and boiled eggs
seem to miss the point that I was trying to address.

Thank You for your input.

73's de Max (nu6u)

BTW, You may be a QRPer if your no longer sure about being a QRPer...

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [14333] Re: Keyer modes (A or B)?
Message-ID: <199703110607.WAA27600@sierra.psnw.com>

Hi Jay,

The difference between iambic mode A and B, according to the 1996 ARRL Handbook, page 22.18, is as follows:

"With A-type keying, a dot or dash being sent when the paddles are released is completed, and nothing else is sent. With B-type keying, the keyer completes the dot or dash being sent upon paddle release, and then sends an opposite element; that is, a dot after a dash and a dash after a dot."

The handbook goes on to say,

"Suppose you wanted to send the letter "N." If you select A-type keying you will squeeze first on the dash side and then on the dot side. When you release the paddles, nothing will be sent after the dot. B-type keying is slightly less work. Squeeze the dash side, and if you release the paddle while the dash is being sent, the following dot will automatically be sent. To send a single dash you must release the paddle *after* the dash has been completed."

Speaking for myself, I find it MUCH easier to use Mode A. Hope this helps clarify your question.

>Say, anyone know the difference between Mode A and B on these keyers? Have
>a KC-2. I suspect it's character spacing....What's everyone using?

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [14314] Re: Meaning of QRP, from an Engineer/Poet (?)
Message-ID: <199703110225.SAA04584@smtp.well.com>

The recent discussion of "how you know you're doing QRP" reminded me that I had written a poem several years back (unforgivable doggerel, to be honest) that clarified the issues in my mind. To be specific, the poem addresses a questionable practice you might call minimalist outdoor QRP (my favorite kind).

Apologies in advance: many of you have seen this before. Still, with so many new QRPers on the block (and on the internet) I think it's worth the risk to post it as supporting evidence in the current thread :)

7.3,
Wayne
N6KR

* * *

Q.R.Oscar and Q.R.Pete
by Wayne A. Burdick, N6KR

It happened in September, on a cold and stormy day;
The mother of all contests was now nearly underway.
Before the day was over, ears from Bonn to Surinam
Would hear a battle rage between two different breeds of Ham.

Oscar, a distinguished man of wisdom (and of wattage),
Lit his pipe and surveyed his substantial shortwave cottage.
"Let the games begin!" he cried, aglow with pride and power;
And with a grin he swung his twenty-ton rotating tower.

Not far away a man named Pete crouched low inside a tent,
His sleeping bag was soggy and his penlight made him squint,
Yet as he worked he smiled, twisting wires, tweaking pots,
And soon his rig was bristling with two hundred milliwatts.

Just after zero, zero, zero, zero (UTC),
Both men tuned up on twenty and they listened carefully,
But neither could believe his ears, and both began to pray:
On 14020 they heard "DE Zed-A-1-A".

Now Oscar moved up five Kc with dignity and class;
He gripped his paddle deftly and prepared to pound some brass.
The heterodynes were screeching, hungry birds caged in a zoo,
But he could snag Albania in one call--maybe two.

Pete took quite a different tack. He scanned for open space,

Listening to the bedlam with a frown upon his face;
He tugged his random wire to improve its ERP,
And finally he found a place to sign "slash QRP."

Well Oscar's monster, fire-breathing signal was the best,
But Zed-A-1-A knew him, and felt sorry for the rest.
With this in mind he listened for the meager and the brave,
And ignored the QRO boys (who began to rant and rave).

Soon the DX station heard a wimpy "QRP";
He fired off a "599" and waited patiently.
But Pete was eating trailmix, now, and feeling quite dejected;
Being called by rare DX was not what he expected.

Oscar heard the call and moved in closer for the kill,
Yet when he thought his turn had come the Q-so lingered still:
"So how much are you running?" "A quarter watt or less."
"A homebrew rig?" "My own design, or mostly, I confess."
"Well I'm a QRP fan, too; good attitude to foster,"
Then ZA1A signed and said, "OK, it's your turn, Oscar."

On Sunday Pete packed up his gear, his low-watt mission done.
(Birds who'd perched upon HIS wire would live to tell their young.)
Pete surveyed the hills and fields, a wondrous sight to feast on;
Then he stuffed himself into his trusty, rusty Nissan.

And Oscar? He had ruled the night with clear, demonic vision;
Slicing QRM with his unleashed atomic fission.
But near the stroke of twelve, he cut his drive by two dB,
Then worked some rare DX and said, "Not bad for QRP!"

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: jeverhar@camden.lmco.com
Subject: [14377] Re: New ANT; 300% better than monopole????
Message-ID: <9703112112.AA06159@train11.CAMDEN.LMCO.COM>

Mark, you wrote:

>Interesting new concept in antennas discussed at:

>http://www.cira.wvu.edu/PDFs/white_papers.htm

>Under title of CTHA.

>What do you think???? Fact or Fiction????

>72,
>Mark

Well, I sucked down the file from that web site and printed it. Do we have another "breakthru" antenna like the Brits announced several years ago?

Who knows the article is writeen with so little detail about operating conditions, measured data and antenna configuration that it is impossible to judge. It looks like a publicist who didn't understand it wrote the piece. Either that or the folks who really know all about it wrote an excellent treatise and ther mangement/beancounters took out all of the detail so that no one could copy their design.

Skeptically yours,

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: SKIPNC90@aol.com
Subject: [14330] Re: O-scope primer and S/A question
Message-ID: <970311002043_2096548294@emout10.mail.aol.com>

Hi Rod

Just a note to let you know and others interested the web address in your posting was incorrect. Tektronix address is: <http://www.tektronix.com> The XYZs of Oscilloscopes is under Applications. And yes it is long but a very good information source on the ins and outs of Oscilloscopes.

73 De Skip NC90

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Subject: [14347] RE: Quads.. beauty and strength
Message-ID: <39703.owen@piper.eeel.nist.gov>

In message Mon, 10 Mar 1997 15:55:43 -0600 (CST),
"Jeff M. Gold" <JMG@tntech.edu> writes:

> Hi,

>

> I just read James Duffey's post about Quads. I think that quads
> still have a bad reputation for being fragile things. I have had
> quite the opposite observations.
> We have had severe ice storms, snow and about as bad winds as you
> can imagine.

> Jeffro, AC4HF

>

I have to agree with you Jeffro. I have seen quads so loaded with ice that
you couldn't tell their original shape and as soon as the ice melted they
returned to normal.

A number of years ago, before his death of course, Clarence Moore W9LZX the
inventor of the quad, was an acquaintance of mine. I had a few discussions
with him on why the quad does such a good job compared to a Yagi. His
theory, which he hadn't proved to his satisfaction, was even though both had
the same measured gain and F/B ratio the QUAD sounded better because it had
a greater capture area. I have a Photo that Clarence gave me of his last
Quad design and it is a beauty. 24 elements on 15 meters, 6 elements per
boom and 4 booms in a square arrangement. He said it operated like
"gangbusters" and I believe him. 72 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [14306] Re: Quote from G5RV

Message-ID: <97Mar8.152223est.35273-35050+56@fidoii.cc.lehigh.edu>

>Why did he consider this length convenient?

Hi Ken, Louis Varney, G5RV, recognized that current
maximum points tend to group around 75-86 ft from
the antenna for 40m and 20m-10m so this is a good
length for 300 ohm ladder-line. Multiply those
lengths by 1.13 for 450 ohm ladder-line. There is
another grouping around 150 ft that includes 80m
and 30m.

73, Cecil, W6RCA, OOTC

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [14313] RE: Quote from G5RV
Message-ID: <97Mar8.153305est.35340-35050+57@fidoii.cc.lehigh.edu>

>I've noted that most of the qrp antenna tuners described in the books I
>have, or those being produced in kit form these days, do not have a
>balanced, or balun connection capability. Is there a reason for this
>or is my research just not extensive enough?

Hi George, qrp equipment needs to be light weight and low cost
so adding a balun that may never be used is not a good idea.

Ordinary baluns work just fine for qrp. There is no minimum flux
density that needs to be achieved. If one is not going to use matching
techniques like parallel capacitors, then the balun of choice is a 1:1
current choke/balun.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Brian Cieslak <brianc@ams-i.com>
Subject: [14344] Re:Re: I use to be a QRPer BUT
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_1-970311140947Z-157@ams-i-server-1.ams-i.com>

>>You know you are a QRPer if...

>Your wife won't walk around barefoot because of the wire clippings in the
>carpet.

>73,

>Bob KI7MN

My wife just about died laughing at this one, Bob.....Now I t looks like
i'll have to make sure she's out of the room when I read the email
too...its bad enough I can't watch the Simpson's any more without her
saying 'you do that' whenever Homer is on..

Brian

PS she doesn't complain about the wire wrap snibbles in the carpet
anymore since she stepped on a clipped resistor lead.

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: "Phil, K6LS" <k6ls@amsat.org>
Subject: [14339] re: tek... XYZ of the o-scope
Message-ID: <33252600.6C0C@amsat.org>

In all fairness to anyone who previously posted a url for the Tektronix XYZ page (or anyone who has it bookmarked) may like to know that Tektronix changed it's location recently. I found this out while checking the links on my new (under construction) web page.

I have found the correct url. There is a link on my web page for you to access it.

<http://www.qsl.net/k6ls>

or, if you dont want to take that route, save your self one more step and click on the below:

http://www.tek.com/Measurement/App_Notes/XYZs/intro.html

HP also has some info, but it deals mostly with their own test equip:

<http://www.tmo.hp.com/tmo/>

enjoy, 72 de Phil K6LS

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [14322] Re: Voltage measurements 38S
Message-ID: <33268dc4.81701794@smtp.usit.net>

On Fri, 7 Mar 1997 01:14:55 -0500, "duane" <duane@flinet.com> wrote:

>I downloaded the Voltage measurements posted by Paul NA5N regarding the
>38S. I find 7.8 volts on pins 12 & 13 of U-2 on receive. the voltage =
paul
>posted for these pin location is 5.6v 1 volt less than pins 9 & 10
>(6.6v) . instead of my voltage going down 1 volt it went up 1.2 for a
>grand total of 2.2 volts too high. any ideas guys as to why my voltage =
is

>too high and going the wrong way. I also have 7.8 volts on pin 1 of U-4
>hc240 it should be 5.6 HELP !! well I hope all this has to do with the
>receiver because it seems to TX fine the ears are poor for now. probly =
has
>something to do with those voltages uh.=20

Did this question ever get an answer? I had similar problems before
mine blew up ...

Is it a resonance problem with T1?

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-l@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Al Hunter <ahunter@inland.net>
Subject: [14345] Re: Voltage measurements 38S
Message-ID: <3.0.1.32.19970311062545.006a2074@inland.net>

At 04:02 AM 3/11/97 GMT, you wrote:

>On Fri, 7 Mar 1997 01:14:55 -0500, "duane" <duane@flinet.com> wrote:

>

>>I downloaded the Voltage measurements posted by Paul NA5N regarding the
>>38S. I find 7.8 volts on pins 12 & 13 of U-2 on receive. the voltage paul
>>posted for these pin location is 5.6v 1 volt less than pins 9 & 10
>>(6.6v) . instead of my voltage going down 1 volt it went up 1.2 for a
>>grand total of 2.2 volts too high. any ideas guys as to why my voltage is
>>too high and going the wrong way. I also have 7.8 volts on pin 1 of U-4
>>hc240 it should be 5.6 HELP !! well I hope all this has to do with the
>>receiver because it seems to TX fine the ears are poor for now. probly has
>>something to do with those voltages uh.

>

>Did this question ever get an answer? I had similar problems before
>mine blew up ...

>

>Is it a resonance problem with T1?

>

I have similar voltage readings, but everything seems to be working OK.
Sure would like to see an answer posted.

A1

From owner-qrp-1@Lehigh.EDU Tue Mar 11 18:47:30 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14305] Re: You know you're a QRPer when...
Message-ID: <199703110018.RAA00239@usr04.primenet.com>

You're buddy brags about the fish he just caught, and
you say, "Yeah, but what pound-test line did you use?!?"

OK, I'll go away now. Really. I promise.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me